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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- November monthly average prices for crude oil show increases in all sales categories. The average domestic crude oil first purchase price rose \$1.72 (4.7%) to \$38.18 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil increased \$1.13 (3.3%) to \$35.45 per barrel. The average landed cost of foreign crude oil rose \$1.12 (3.0%) to \$38.00 per barrel.
- The average refiner acquisition cost for domestic crude oil climbed \$1.50 (3.7%) to \$41.56 per barrel. The average cost of imported crude oil rose 92 cents (2.4%) to \$38.72 per barrel. The composite refiner acquisition cost for crude oil increased \$1.27 (3.2%) to \$40.48 per barrel.

Petroleum products

Motor gasoline

- Refiner monthly average prices for motor gasoline declined in November. The average retail price fell 3.7 cents to \$1.736 per gallon, while the average wholesale price declined 2.6 cents to \$1.286 per gallon.
- Sales of finished motor gasoline by refiners fell in November. Total sales declined 13.9 million gallons per day (4.7%) to an average of 278.9 million gallons per day. Retail sales dropped 1.5 million gallons per day (7.2%), while wholesales fell 12.4 million gallons per day (4.6%). DTW sales made up 6.5% of wholesales, while rack and bulk sales accounted for 89.9% and 3.6%, respectively.

No. 2 distillate

- Prices for refiner sales of No. 2 distillates rose in November. The average price for No. 2 diesel fuel sold to end users increased 8.2 cents to \$1.482 per gallon, while the average wholesale price climbed 10.0 cents to \$1.315 cents per gallon.
- Sales of No. 2 ultra-low sulfur diesel fuel by refiners fell in November. Total sales dropped 7.0 million gallons per day (4.4%) to 151.8 million gallons per day. Retail sales declined 200,000 gallons per day (2.2%), while wholesales decreased 6.8 million gallons per day (4.5%).

Residual fuel oil

- November refiner prices for sales of residual fuel show mixed trends. The average retail price for residual fuel oil decreased 0.6 cent to \$1.145 per gallon, while the average wholesale price dropped 10.4 cents to \$1.145 per gallon.
- Residual fuel oil sales by refiners decreased 1.3 million gallons per day (14.9%) to 7.4 million gallons per day in November. Retail sales fell 900,000 gallons per day (31.0%), while wholesales declined 400,000 gallons per day (6.9%).

Other products

- Refiner monthly average prices for sales of the remaining surveyed products show mixed trends in November. Propane and kerosene-type jet fuel prices increased at both the retail and wholesale levels, while aviation gasoline prices show the opposite trend. Prices for No. 1 distillate fell at retail but rose at wholesale. The price for kerosene also rose at the wholesale level.
- Refiner sales of propane, No. 1 distillate, and kerosene-type jet fuel increased at both retail and wholesale in November. Aviation gasoline sales declined in both categories, while kerosene sales rose at the wholesale level.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	November 2020		October 2020		November 2019		November 2020		October 2020		November 2019	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	1.736	19.2	1.773	20.7	2.229	23.9	1.286	259.7	1.312	272.1	1.819	299.3
Conventional	1.556	12.0	1.602	13.0	2.022	15.0	1.227	178.3	1.259	188.0	1.738	203.2
Regular	1.496	10.5	1.539	11.4	1.969	13.3	1.190	156.9	1.221	165.6	1.698	182.1
Midgrade	1.791	0.6	1.854	0.7	2.275	0.7	1.385	0.9	1.419	1.0	1.935	1.1
Premium	2.098	0.9	2.156	1.0	2.547	1.0	1.502	20.5	1.542	21.3	2.091	20.0
Reformulated	2.036	7.2	2.064	7.7	2.578	8.9	1.415	81.4	1.430	84.1	1.991	96.1
Regular	1.900	5.1	1.931	5.5	2.455	6.6	1.359	65.6	1.374	67.8	1.926	79.9
Midgrade	2.255	0.7	2.284	0.8	2.822	0.8	1.581	0.3	1.584	0.4	2.214	0.5
Premium	2.432	1.3	2.459	1.4	3.009	1.4	1.652	15.5	1.667	16.0	2.314	15.7
Aviation gasoline	2.485	0.0	2.495	0.0	W	W	2.123	0.3	2.217	0.4	2.783	0.4
Kerosene-type jet fuel	1.216	22.1	1.134	20.5	1.979	30.5	1.180	20.9	1.107	18.1	1.922	39.8
Propane (consumer grade)	0.577	3.7	0.548	3.0	0.635	4.1	0.629	25.4	0.597	24.3	0.655	38.2
Kerosene	W	W	W	W	W	W	1.322	0.9	1.293	0.7	2.046	1.3
No. 1 distillate	1.769	0.2	1.878	0.1	2.641	0.1	1.647	1.7	1.499	1.3	2.420	2.7
No. 2 distillate	1.485	9.5	1.400	9.9	2.128	10.7	1.306	152.1	1.210	157.4	1.968	179.5
No. 2 fuel oil	1.760	0.1	1.360	0.1	2.321	0.1	1.156	8.4	1.089	6.6	1.884	12.8
No. 2 diesel fuel	1.482	9.4	1.400	9.7	2.126	10.6	1.315	143.7	1.215	150.7	1.974	166.8
Ultra low sulfur	1.485	9.0	1.397	9.2	2.129	10.4	1.315	142.8	1.216	149.6	1.974	165.2
Low sulfur	W	W	W	W	W	W	-	-	-	-	W	W
High sulfur	W	W	W	W	W	W	1.243	0.9	1.130	1.1	W	W
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.145	2.0	1.151	2.9	1.594	2.4	1.145	5.4	1.041	5.8	1.353	7.2
Sulfur content not > 1%	W	W	W	W	W	W	1.164	3.8	1.078	3.1	1.681	2.1
Sulfur content > 1%	1.068	W	1.071	W	1.364	W	1.098	1.6	0.996	2.7	1.220	5.2

NA = Not available.

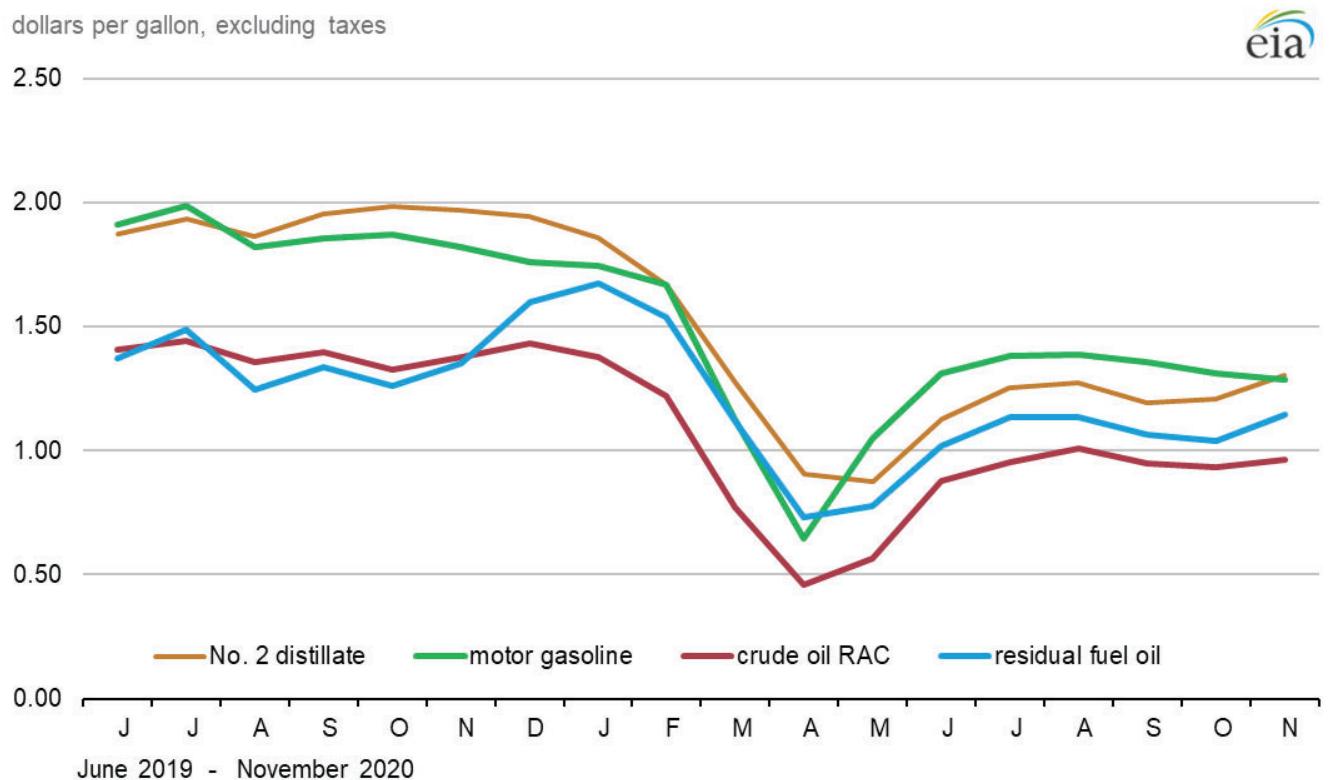
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure HL1. Crude oil and petroleum product wholesale prices

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019						
January	48.00	48.70	49.25	54.06	49.71	52.29
February	52.60	54.23	56.17	58.24	56.66	57.62
March	57.46	57.54	59.48	61.97	61.14	61.64
April	63.00	61.31	63.62	67.21	65.42	66.51
May	59.73	60.74	63.70	65.17	65.03	65.11
June	54.34	54.56	57.43	59.81	58.16	59.16
July	56.47	54.51	57.00	61.47	59.18	60.53
August	53.63	51.98	54.91	57.88	55.41	56.90
September	55.14	52.68	55.06	59.41	57.31	58.60
October	53.14	50.40	53.74	56.69	54.44	55.85
November	54.96	51.87	54.48	59.42	55.27	57.88
December	58.41	51.57	53.92	62.23	56.85	60.27
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.86	46.98	51.03	60.36	53.96	57.94
February	50.03	41.65	44.57	53.98	47.42	51.37
March	31.80	24.10	26.77	34.98	28.50	32.55
April	15.99	13.91	17.18	21.25	16.74	19.41
May	18.09	19.28	22.73	24.97	22.56	23.84
June	33.53	32.41	36.05	37.25	36.14	36.80
July	37.55	35.35	38.91	40.55	39.33	40.07
August	39.42	35.99	40.15	42.82	41.72	42.41
September	36.89	R35.45	R37.96	40.42	38.76	39.83
October	36.46	R34.32	R36.88	40.06	37.80	39.21
November	38.18	35.45	38.00	R41.56	R38.72	R40.48
December[c]	NA	NA	NA	E46.57	E43.20	E45.26

NA = Not available.

E = Estimated data.

R = Revised data.

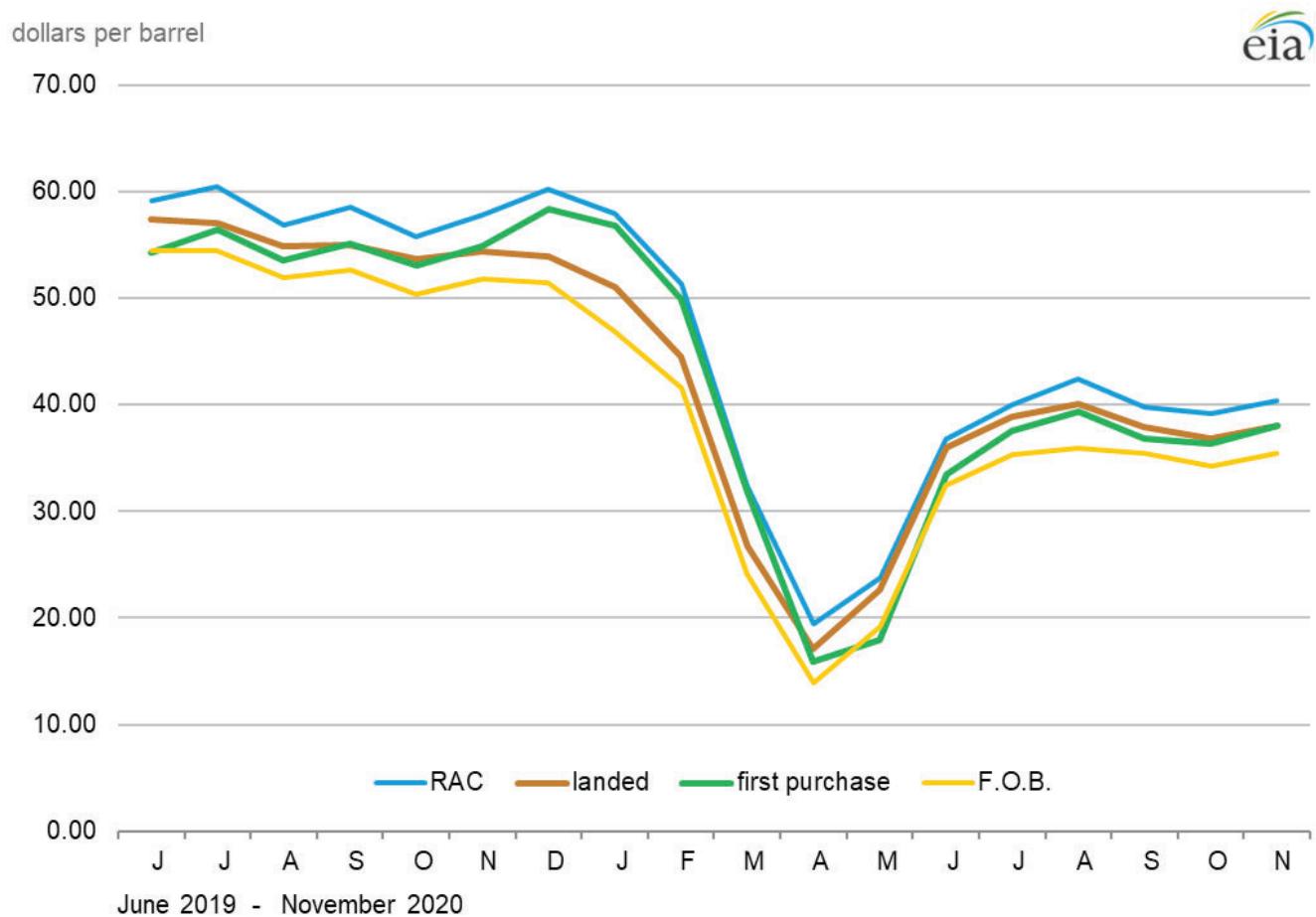
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, *Refiners' Monthly Cost Report*.

Figure 1. Crude oil prices

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*. Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019									
January	54.06	49.71	52.29	59.24	59.65	59.58	50.99	38.59	44.74
February	58.24	56.66	57.62	62.66	65.08	64.48	54.82	49.79	52.32
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.21	65.42	66.51	70.56	69.84	70.01	65.73	59.64	62.81
May	65.17	65.03	65.11	67.35	70.86	70.05	61.64	59.17	60.38
June	59.81	58.16	59.16	63.72	65.04	64.77	55.27	50.30	52.75
July	61.47	59.18	60.53	65.28	65.31	65.31	59.51	51.52	55.64
August	57.88	55.41	56.90	61.99	61.37	61.54	55.69	50.09	52.79
September	59.41	57.31	58.60	63.46	63.28	63.33	58.61	51.90	55.55
October	56.69	54.44	55.85	59.84	62.05	61.29	54.61	48.65	51.73
November	59.42	55.27	57.88	62.94	63.77	63.50	58.64	48.99	54.16
December	62.23	56.85	60.27	64.86	67.26	66.39	61.81	48.46	55.41
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.36	53.96	57.94	63.24	64.08	63.77	58.84	46.25	52.47
February	53.98	47.42	51.37	57.27	57.28	57.28	50.62	38.33	43.95
March	34.98	28.50	32.55	35.93	37.10	36.60	30.55	21.65	25.64
April	21.25	16.74	19.41	27.42	26.07	26.65	19.28	13.19	15.71
May	24.97	22.56	23.84	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.55	39.33	40.07	45.44	43.76	44.18	41.15	37.50	39.42
August	42.82	41.72	42.41	45.83	44.95	45.16	42.72	39.73	41.27
September	40.42	38.76	39.83	43.67	41.74	42.25	40.31	35.95	38.42
October	40.06	37.80	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	R41.56	R38.72	R40.48	45.02	43.61	44.02	41.68	35.90	38.82

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)
dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.17	58.22	58.67
February	58.32	58.13	58.27	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.20	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.72	65.84	65.76	59.64	58.17	58.94	69.40	70.73	70.08
June	60.74	61.60	60.95	52.89	49.11	51.00	63.97	63.82	63.90
July	61.75	61.43	61.66	55.97	50.68	53.44	64.82	65.00	64.92
August	58.10	55.29	57.40	53.46	48.89	51.36	61.30	62.22	61.83
September	59.33	58.20	59.04	54.02	50.15	52.25	62.45	63.07	62.78
October	56.84	54.38	56.28	50.42	45.65	48.39	60.67	60.78	60.73
November	59.10	54.89	58.11	53.80	48.00	51.00	63.43	62.62	63.00
December	61.90	58.75	61.18	56.04	45.99	50.94	66.13	65.41	65.75
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	21.07	15.84	19.46	21.00	11.01	16.10	23.00	24.54	23.68
May	23.13	23.44	23.26	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.42	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-14, *Refiners' Monthly Cost Report*, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352	
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392	
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455	
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423	
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305	
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374	
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602	
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531	
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569	
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698	
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739	
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048	
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218	
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374	
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964	
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341	
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713	
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401	
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592	
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482	
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325	
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285	
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945	
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287	
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662	
2019												
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.425	
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-	1.568	
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-	1.639	
April	2.487	W	2.063	0.686	W	2.563	2.259	2.461	2.260	-	1.685	
May	2.520	W	2.141	0.599	W	NA	2.272	2.389	2.272	-	1.635	
June	2.366	W	1.907	0.464	3.312	2.209	2.078	2.156	2.079	-	1.601	
July	2.375	W	1.973	0.487	3.260	2.352	2.100	2.206	2.101	-	1.625	
August	2.252	W	1.901	0.461	W	2.282	2.037	2.155	2.038	-	1.466	
September	2.242	W	1.937	0.473	3.203	2.348	2.101	2.200	2.102	-	1.560	
October	2.289	W	1.965	0.516	W	2.527	2.134	2.174	2.134	-	1.543	
November	2.229	W	1.979	0.635	W	2.641	2.126	2.321	2.128	-	1.594	
December	2.182	W	1.979	0.601	W	2.501	2.072	2.361	2.075	-	1.745	
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584	
2020												
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939	
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735	
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371	
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976	
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817	
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949	
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071	
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224	
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200	
October	R1.773	R2.495	R1.134	0.548	W	1.878	1.400	1.360	R1.400	-	1.151	
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145	

NA = Not available.

- = No data reported.

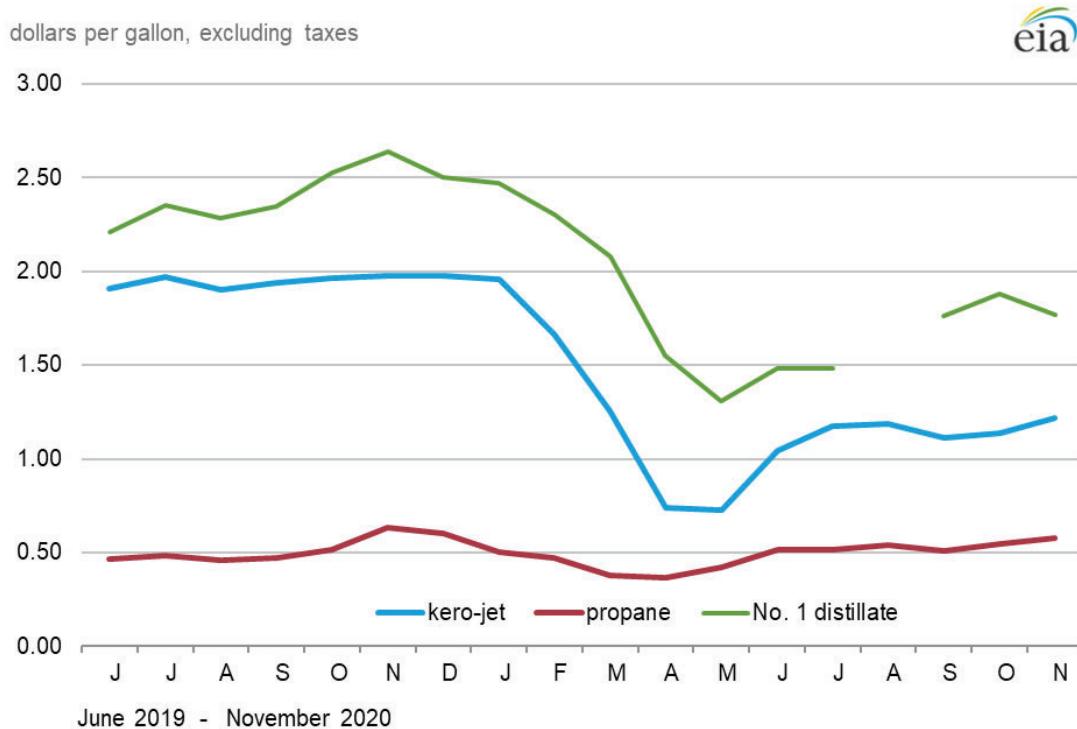
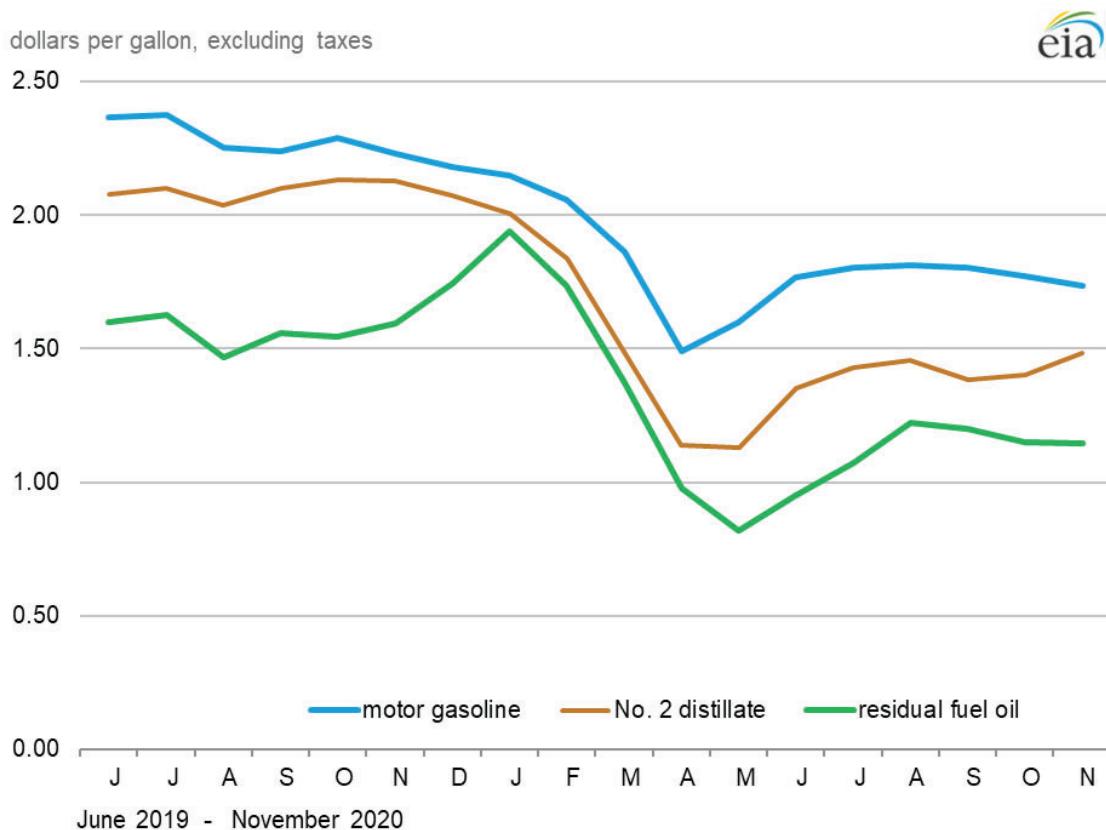
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 2. U.S. refiner retail petroleum product prices

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average	
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-
2019										
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-
April	24.1	W	32.3	2.3	W	0.1	11.7	0.1	11.8	-
May	24.7	W	31.7	2.8	W	0.1	12.1	0.1	12.1	-
June	24.9	W	32.9	2.9	0.0	0.0	11.9	0.1	12.0	-
July	24.8	W	33.9	2.1	0.0	0.0	12.5	0.0	12.6	-
August	25.9	W	31.9	2.5	W	0.0	12.8	0.1	12.8	-
September	24.1	W	32.1	3.4	0.0	0.1	12.2	0.1	12.3	-
October	24.0	W	30.5	3.1	W	0.1	11.3	0.2	11.4	-
November	23.9	W	30.5	4.1	W	0.1	10.6	0.1	10.7	-
December	23.3	W	32.6	3.8	W	0.1	11.0	0.1	11.1	-
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-
2020										
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-
October	20.7	0.0	R20.5	3.0	W	0.1	R9.7	0.1	9.9	-
November	19.2	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-

NA = Not available.

- = No data reported.

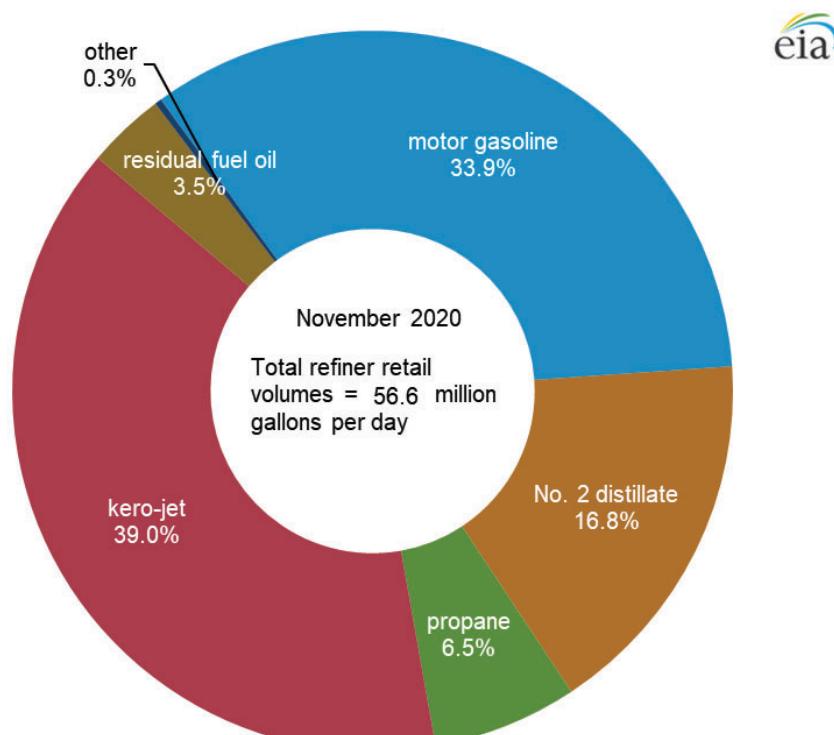
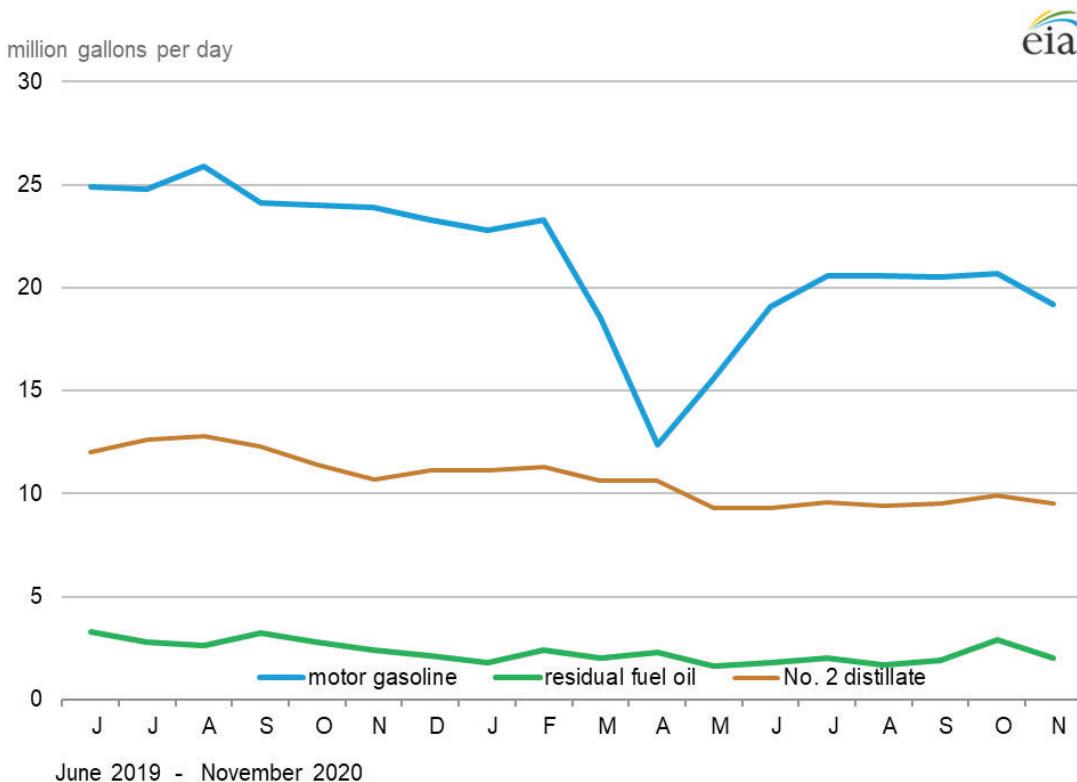
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. refiner retail petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Average	No. 4 fuel[a]	Residual fuel oil
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil				
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317	
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363	
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420	
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387	
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280	
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354	
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566	
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476	
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530	
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661	
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681	
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971	
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136	
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350	
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866	
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342	
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697	
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336	
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457	
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278	
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044	
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996	
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745	
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116	
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463	
2019												
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357	
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508	
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581	
April	2.138	3.100	2.022	0.660	2.073	2.343	2.100	1.993	2.095	W	1.577	
May	2.110	3.021	2.061	0.595	2.057	2.458	2.106	1.989	2.102	W	1.505	
June	1.909	2.841	1.879	0.493	1.914	2.203	1.874	1.824	1.873	W	1.372	
July	1.984	2.988	1.938	0.478	1.969	2.260	1.938	1.847	1.935	W	1.489	
August	1.820	2.854	1.864	0.458	1.861	2.201	1.865	1.795	1.862	W	1.247	
September	1.854	2.829	1.898	0.477	1.984	2.264	1.955	1.901	1.954	W	1.337	
October	1.871	2.857	1.931	0.544	2.003	2.369	1.984	1.926	1.982	W	1.263	
November	1.819	2.783	1.922	0.655	2.046	2.420	1.974	1.884	1.968	W	1.353	
December	1.757	2.734	1.932	0.632	2.087	2.369	1.943	1.919	1.941	W	1.597	
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428	
2020												
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675	
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540	
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121	
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733	
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775	
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017	
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137	
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135	
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066	
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041	
November	1.286	2.123	1.180	0.629	1.322	1.647	1.315	1.156	1.306	W	1.145	

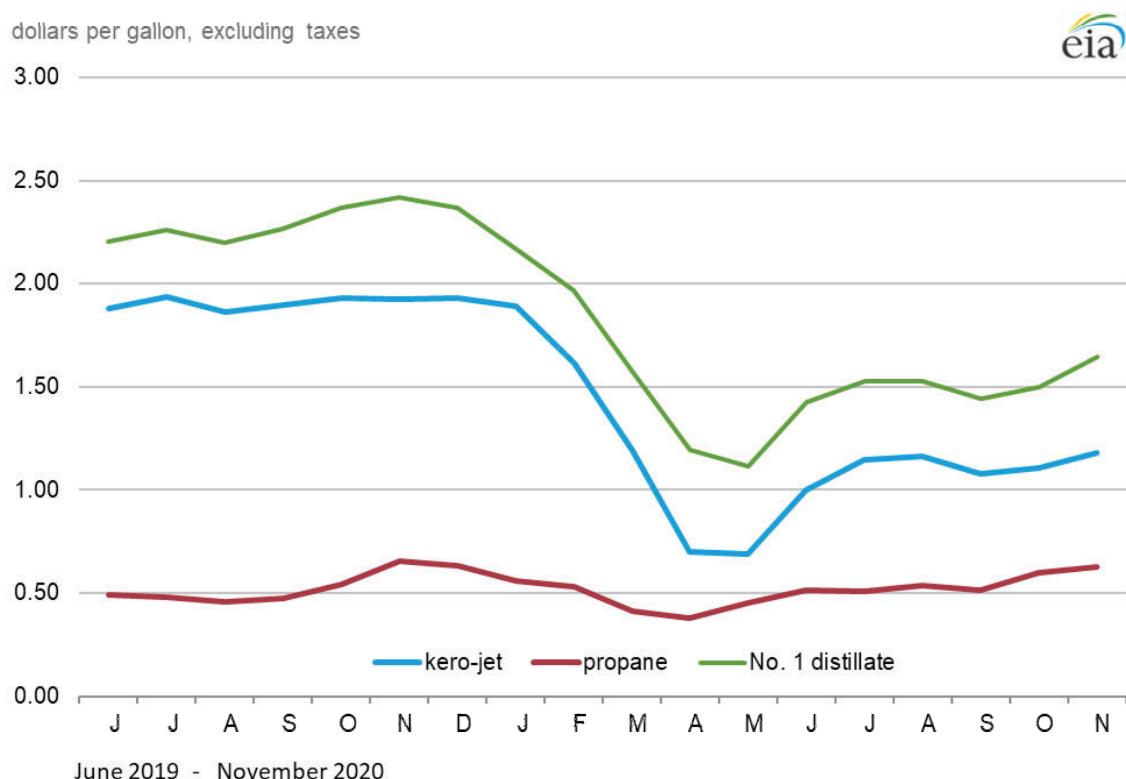
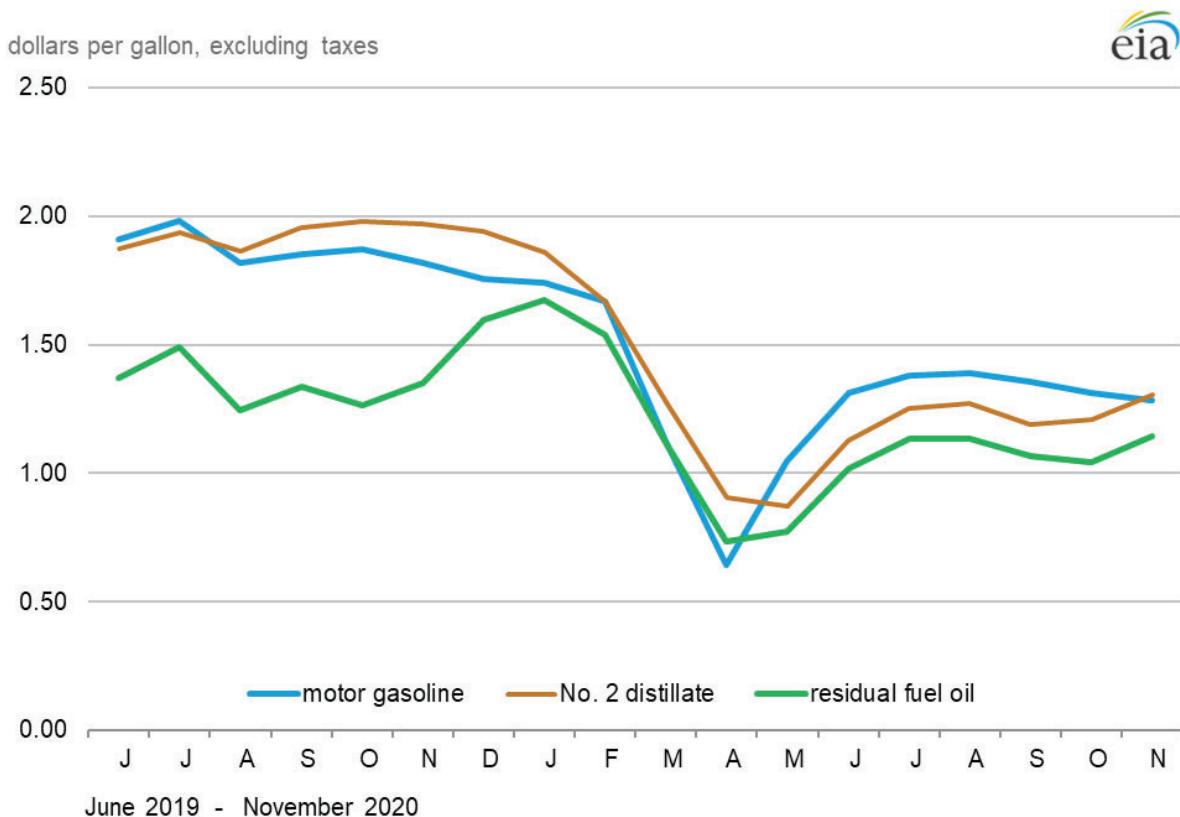
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. refiner wholesale petroleum product prices

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8	
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6	
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8	
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5	
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4	
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5	
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5	
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3	
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8	
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7	
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9	
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7	
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5	
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2	
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5	
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8	
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7	
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2	
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8	
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0	
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0	
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1	
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4	
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1	
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6	
2019												
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9	
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6	
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9	
April	304.9	0.4	40.1	25.1	0.5	0.4	160.9	7.7	168.6	W	9.3	
May	309.2	0.5	39.7	24.8	0.8	0.1	161.0	5.8	166.8	W	7.4	
June	307.8	0.4	42.5	26.2	1.2	0.1	168.8	5.0	173.8	W	7.7	
July	307.7	0.6	44.6	27.6	1.6	0.1	161.1	4.7	165.8	W	6.5	
August	314.8	0.5	44.8	27.0	0.8	0.2	165.8	7.2	173.0	W	8.4	
September	302.1	0.5	44.3	27.7	1.2	0.4	160.3	4.1	164.5	W	7.5	
October	305.3	0.5	40.6	29.5	1.1	1.3	168.6	6.2	174.8	W	7.7	
November	299.3	0.4	39.8	38.2	1.3	2.7	166.8	12.8	179.5	W	7.2	
December	294.6	0.3	41.7	38.0	1.4	2.6	155.6	14.6	170.2	W	6.1	
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5	
2020												
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9	
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8	
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9	
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7	
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8	
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7	
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4	
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4	
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0	
October	R272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	R157.4	W	5.8	
November	259.7	0.3	20.9	25.4	0.9	1.7	143.7	8.4	152.1	W	5.4	

NA = Not available.

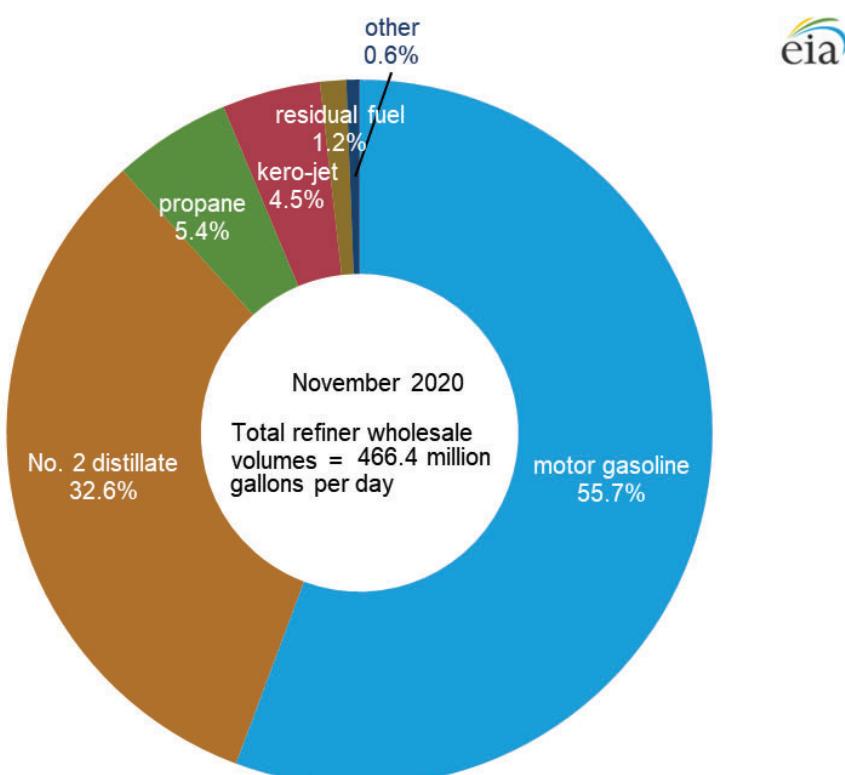
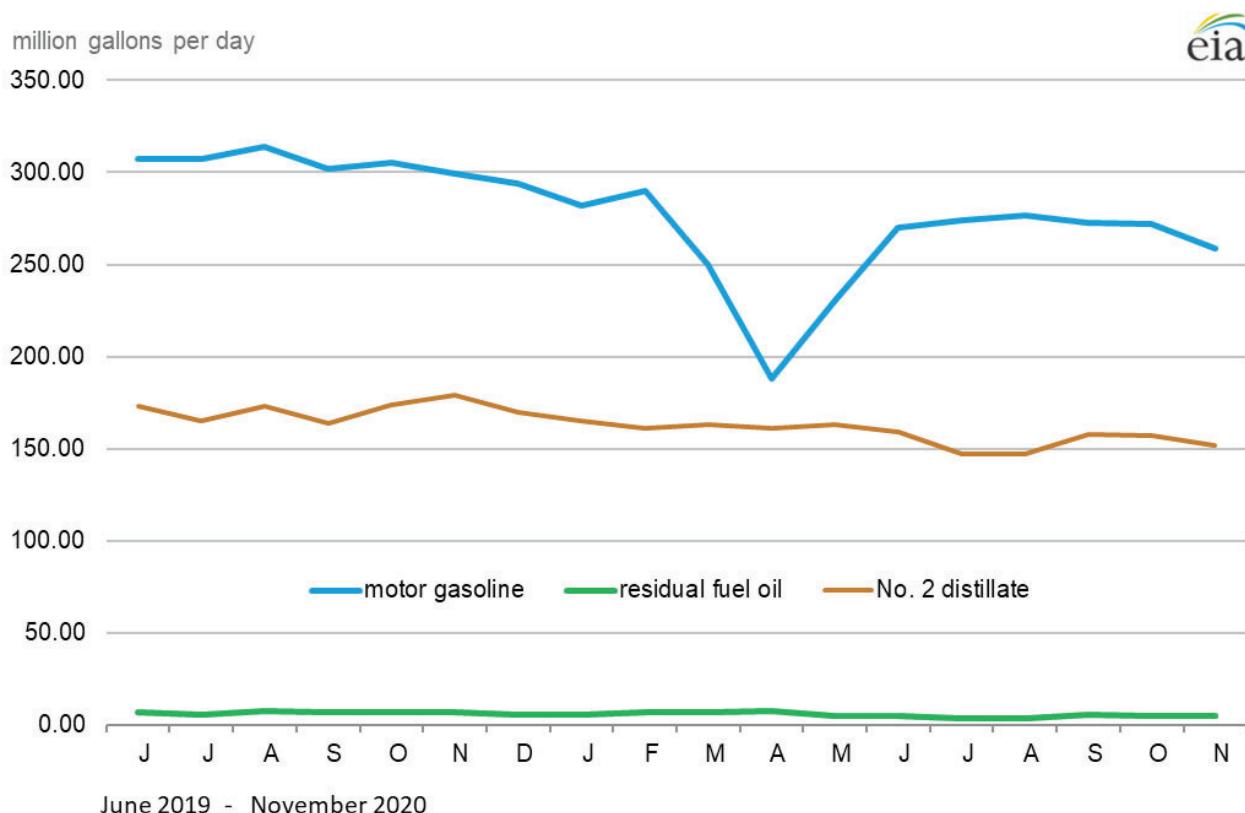
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. refiner wholesale petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268
June	2.284	2.277	2.456	1.822	1.771	1.860	2.665	2.662	2.604	2.014	-	2.066
July	2.300	2.294	2.378	1.906	1.835	1.933	2.640	2.637	2.565	2.113	-	2.150
August	2.170	2.163	2.271	1.736	1.703	1.769	2.541	2.539	2.467	1.946	-	1.988
September	2.152	2.147	2.399	1.762	1.705	1.800	2.553	2.549	2.611	1.984	-	2.042
October	2.192	2.185	2.669	1.763	1.668	1.816	2.662	2.656	2.874	1.988	-	2.071
November	2.137	2.131	2.480	1.725	1.629	1.768	2.575	2.569	2.658	1.948	-	2.019
December	2.099	2.093	2.216	1.682	1.607	1.712	2.481	2.477	2.409	1.869	-	1.922
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	R1.668	R1.666	1.748	1.237	1.190	1.266	R2.088	R2.083	1.986	R1.416	-	1.461
November	1.630	1.628	1.748	1.212	1.134	1.240	2.046	2.041	1.957	1.389	-	1.437

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110
June	2.904	2.887	2.719	2.199	1.995	2.255	2.374	2.366	2.513	1.866	1.802	1.909
July	2.876	2.861	2.664	2.297	2.182	2.337	2.383	2.375	2.441	1.952	1.882	1.984
August	2.779	2.764	2.555	2.126	1.970	2.173	2.259	2.252	2.334	1.782	1.739	1.820
September	2.792	2.777	2.705	2.164	2.096	2.229	2.249	2.242	2.467	1.809	1.752	1.854
October	2.921	2.901	2.968	2.175	2.021	2.265	2.297	2.289	2.733	1.811	1.713	1.871
November	2.837	2.820	2.757	2.118	1.949	2.189	2.236	2.229	2.539	1.770	1.668	1.819
December	2.731	2.715	2.499	2.024	1.836	2.073	2.188	2.182	2.278	1.722	1.638	1.757
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	R2.336	R2.334	2.052	1.552	1.242	1.596	R1.775	R1.773	1.823	1.278	1.203	1.312
November	2.299	2.298	2.049	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.286

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0
June	20.3	20.7	17.1	240.7	10.9	268.7	1.7	1.7	0.2	1.8	-	2.0
July	20.2	20.6	16.7	241.4	10.1	268.1	1.7	1.7	0.2	1.8	-	2.0
August	21.0	21.4	17.3	245.9	11.1	274.2	1.7	1.7	0.2	1.8	-	2.0
September	19.5	19.8	16.8	235.0	11.6	263.3	1.6	1.6	0.2	1.6	-	1.8
October	19.6	20.0	16.7	239.0	11.4	267.1	1.6	1.6	0.2	1.5	-	1.7
November	19.6	19.9	16.4	234.0	11.6	262.0	1.6	1.6	0.2	1.4	-	1.6
December	19.1	19.4	16.2	227.9	13.2	257.3	1.5	1.6	0.2	1.4	-	1.6
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	R233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.5	15.6	12.6	202.8	7.1	222.5	1.4	1.4	0.1	1.2	-	1.3

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	304.9
May	2.4	2.5	4.5	30.1	1.6	36.3	24.3	24.7	21.7	271.7	15.9	309.2
June	2.5	2.6	4.7	30.7	1.8	37.2	24.5	24.9	21.9	273.2	12.6	307.8
July	2.5	2.6	4.6	31.4	1.6	37.6	24.4	24.8	21.5	274.6	11.6	307.7
August	2.7	2.7	4.8	32.0	1.8	38.6	25.4	25.9	22.3	279.7	12.8	314.8
September	2.5	2.6	4.7	30.8	1.6	37.0	23.6	24.1	21.6	267.4	13.1	302.1
October	2.4	2.4	4.5	30.4	1.7	36.5	23.6	24.0	21.3	270.9	13.0	305.3
November	2.3	2.4	4.4	29.7	1.6	35.7	23.5	23.9	21.0	265.1	13.2	299.3
December	2.3	2.4	4.4	29.3	2.0	35.7	23.0	23.3	20.8	258.5	15.2	294.6
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	R246.5	7.5	R272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	19.0	19.2	16.9	233.4	9.4	259.7

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187
June	2.122	2.118	2.141	1.781	1.729	1.786	2.408	2.406	2.341	1.990	-	2.003
July	2.177	2.172	2.118	1.872	1.787	1.873	2.436	2.434	2.338	2.101	-	2.109
August	2.038	2.034	2.007	1.708	1.671	1.712	2.310	2.308	2.254	1.931	-	1.940
September	2.030	2.026	2.044	1.728	1.633	1.729	2.313	2.310	2.316	1.942	-	1.956
October	2.024	2.020	2.203	1.722	1.591	1.724	2.322	2.315	2.486	1.933	-	1.954
November	1.972	1.969	2.082	1.698	1.587	1.698	2.282	2.275	2.359	1.917	-	1.935
December	1.984	1.980	1.932	1.658	W	1.659	2.272	2.267	2.213	1.846	-	1.861
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	R1.539	R1.539	1.471	1.218	W	1.221	R1.860	R1.854	W	1.408	-	1.419
November	1.496	1.496	1.491	1.187	W	1.190	1.797	1.791	1.789	1.374	-	1.385

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012
June	2.697	2.674	2.395	2.169	1.936	2.162	2.175	2.170	2.187	1.821	1.759	1.826
July	2.726	2.706	2.387	2.279	2.143	2.275	2.227	2.222	2.168	1.915	1.834	1.917
August	2.601	2.580	2.275	2.114	1.908	2.107	2.091	2.086	2.057	1.750	1.703	1.755
September	2.607	2.586	2.333	2.134	2.011	2.135	2.085	2.080	2.098	1.771	1.676	1.773
October	2.608	2.586	2.509	2.130	1.890	2.129	2.076	2.071	2.259	1.763	1.626	1.766
November	2.568	2.547	2.353	2.095	1.876	2.091	2.026	2.022	2.132	1.737	1.618	1.738
December	2.559	2.536	W	2.005	1.795	1.994	2.035	2.030	1.978	1.694	1.609	1.694
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	R2.158	R2.156	R1.730	W	1.264	1.542	R1.603	R1.602	1.524	1.255	W	1.259
November	2.099	2.098	W	1.515	1.229	1.502	1.557	1.556	1.545	1.224	1.159	1.227

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4
June	13.3	13.6	3.5	173.5	8.0	185.0	0.7	0.8	0.1	1.3	-	1.4
July	13.3	13.6	3.6	175.5	7.7	186.8	0.7	0.8	0.0	1.4	-	1.4
August	13.9	14.2	3.6	177.6	8.6	189.8	0.8	0.8	0.0	1.3	-	1.4
September	13.0	13.3	3.4	168.5	9.2	181.0	0.7	0.7	0.0	1.2	-	1.2
October	13.2	13.6	3.4	172.7	9.7	185.9	0.7	0.7	0.0	1.1	-	1.2
November	13.0	13.3	3.3	168.6	10.2	182.1	0.7	0.7	0.0	1.1	-	1.1
December	12.6	12.8	W	164.5	W	179.5	0.7	0.7	0.0	1.1	-	1.1
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	R11.3	R11.4	W	R158.0	W	R165.6	0.7	0.7	W	W	-	1.0
November	10.4	10.5	W	149.1	W	156.9	0.6	0.6	0.0	0.9	-	0.9

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.8	15.1	15.4	4.3	193.3	12.5	210.1
June	1.0	1.1	0.8	19.1	1.4	21.2	15.1	15.5	4.3	194.0	9.3	207.6
July	1.0	1.1	0.8	19.9	1.2	21.9	15.1	15.4	4.4	196.8	8.9	210.1
August	1.1	1.1	0.8	20.0	1.3	22.2	15.8	16.2	4.5	198.9	9.9	213.4
September	1.0	1.1	0.7	19.0	1.2	20.9	14.8	15.1	4.2	188.7	10.3	203.2
October	1.0	1.0	0.7	18.8	1.3	20.8	15.0	15.3	4.2	192.6	11.0	207.9
November	0.9	1.0	0.7	18.0	1.2	20.0	14.7	15.0	4.1	187.7	11.4	203.2
December	0.9	0.9	W	18.0	W	20.4	14.2	14.5	4.0	183.6	13.3	201.0
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	R178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.9	12.0	3.0	168.5	6.8	178.3

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462
June	2.593	2.586	2.538	1.927	1.886	2.025	2.871	2.871	2.716	2.084	-	2.219
July	2.538	2.532	2.448	1.998	1.992	2.070	2.807	2.807	2.658	2.148	-	2.249
August	2.427	2.421	2.342	1.809	1.814	1.896	2.732	2.732	2.534	1.986	-	2.096
September	2.400	2.393	2.489	1.845	1.979	1.954	2.748	2.748	2.723	2.091	-	2.223
October	2.543	2.534	2.789	1.870	2.122	2.026	2.955	2.955	3.023	2.145	-	2.344
November	2.462	2.455	2.581	1.795	1.916	1.926	2.823	2.822	2.779	2.038	-	2.214
December	2.319	2.313	2.288	1.743	W	1.834	2.652	2.652	2.490	1.936	-	2.067
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.443	-	1.581

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317
June	3.042	3.034	2.782	2.249	2.194	2.379	2.692	2.685	2.594	1.975	1.923	2.082
July	2.977	2.971	2.720	2.329	2.297	2.424	2.635	2.630	2.510	2.047	2.036	2.128
August	2.903	2.895	2.611	2.146	2.175	2.261	2.535	2.529	2.404	1.860	1.865	1.956
September	2.923	2.914	2.775	2.211	2.354	2.352	2.523	2.516	2.555	1.901	2.031	2.020
October	3.140	3.128	3.058	2.248	2.453	2.445	2.680	2.671	2.849	1.927	2.185	2.095
November	3.018	3.009	2.834	2.152	2.190	2.314	2.585	2.578	2.638	1.850	1.972	1.991
December	2.841	2.834	W	2.056	2.008	2.177	2.435	2.429	2.349	1.791	1.837	1.892
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6
June	7.0	7.0	13.5	67.2	2.9	83.6	0.9	0.9	0.1	0.5	-	0.6
July	6.9	6.9	13.2	65.8	2.3	81.3	0.9	0.9	0.1	0.5	-	0.6
August	7.1	7.2	13.7	68.3	2.5	84.4	0.9	0.9	0.1	0.5	-	0.6
September	6.4	6.5	13.4	66.5	2.4	82.3	0.9	0.9	0.1	0.5	-	0.6
October	6.4	6.4	13.3	66.2	1.6	81.1	0.8	0.8	0.1	0.4	-	0.5
November	6.6	6.6	13.1	65.4	1.5	79.9	0.8	0.8	0.1	0.4	-	0.5
December	6.5	6.6	W	63.3	W	77.8	0.8	0.8	0.1	0.4	-	0.5
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1
June	1.5	1.5	3.9	11.6	0.4	16.0	9.4	9.5	17.6	79.3	3.3	100.2
July	1.5	1.5	3.8	11.5	0.4	15.7	9.3	9.4	17.1	77.8	2.7	97.6
August	1.6	1.6	4.0	12.0	0.4	16.4	9.6	9.7	17.8	80.8	2.9	101.4
September	1.5	1.5	3.9	11.8	0.4	16.1	8.8	8.9	17.5	78.7	2.8	98.9
October	1.4	1.4	3.7	11.6	0.4	15.7	8.6	8.7	17.1	78.2	2.0	97.4
November	1.4	1.4	3.7	11.6	0.4	15.7	8.8	8.9	16.9	77.4	1.8	96.1
December	1.4	1.4	W	11.3	W	15.4	8.8	8.9	16.8	74.9	1.9	93.6
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.635	1.505
June	W	W	1.527	1.367	1.601	1.372
July	W	1.455	1.572	1.492	1.625	1.489
August	W	1.331	1.345	1.235	1.466	1.247
September	W	W	1.511	1.325	1.560	1.337
October	W	1.535	1.393	1.188	1.543	1.263
November	W	1.681	1.364	1.220	1.594	1.353
December	W	1.758	1.543	1.460	1.745	1.597
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.0	7.4
June	W	W	W	W	3.3	7.7
July	W	0.4	W	6.1	2.8	6.5
August	W	1.0	W	7.3	2.6	8.4
September	W	W	W	W	3.2	7.5
October	W	1.7	W	6.1	2.8	7.7
November	W	2.1	W	5.2	2.4	7.2
December	W	2.8	W	3.3	2.1	6.1
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	48.00	47.66	46.09	W	45.91	43.93	46.06	48.07	47.82	46.96	48.30	50.98	44.76
February	52.60	52.30	49.49	W	49.40	47.13	51.79	51.68	51.35	50.52	51.72	54.39	48.29
March	57.46	57.29	52.74	W	52.25	49.93	54.85	54.69	54.41	53.53	54.84	57.44	51.55
April	63.00	62.95	58.23	W	58.22	55.38	60.94	60.39	60.11	59.25	60.49	63.23	57.32
May	59.73	59.54	55.96	W	55.50	53.64	57.61	57.40	57.19	56.52	57.64	60.18	54.59
June	54.34	54.21	49.61	W	49.53	46.60	51.56	54.56	56.78	50.40	53.48	54.15	48.31
July	56.47	56.39	52.84	W	52.64	50.37	54.01	52.62	51.59	53.00	53.95	56.86	50.99
August	53.63	53.69	49.33	W	49.07	47.49	51.21	52.96	53.52	50.39	51.64	54.15	48.39
September	55.14	55.12	50.74	W	51.43	48.91	52.80	52.20	51.50	52.24	52.52	56.37	50.28
October	53.14	53.11	50.99	W	51.06	48.76	49.51	52.21	52.70	49.79	50.81	53.01	47.53
November	54.96	54.84	50.17	W	51.06	48.48	52.53	51.98	51.01	52.76	52.13	56.08	50.64
December	58.41	58.36	52.74	W	53.71	50.71	56.31	54.92	53.94	55.50	54.97	58.81	53.36
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020													
January	56.86	56.88	52.18	W	51.33	51.36	54.31	55.74	55.94	53.68	54.12	56.54	51.24
February	50.03	50.14	44.61	W	44.23	43.13	47.10	51.94	53.46	47.66	48.98	49.40	44.16
March	31.80	31.63	25.36	W	24.12	24.62	28.28	27.30	27.13	26.48	26.55	28.07	24.22
April	15.99	16.23	12.23	W	11.81	12.26	12.74	16.22	16.29	14.40	16.64	15.73	11.81
May	18.09	17.92	16.78	W	20.38	13.47	19.03	25.65	24.92	22.80	24.33	27.89	20.50
June	33.53	33.94	23.19	W	31.97	16.80	34.92	35.02	34.78	33.51	34.32	37.55	31.58
July	37.55	37.98	31.31	W	32.90	31.14	37.03	37.39	37.25	36.38	36.07	37.29	34.28
August	39.42	39.65	32.59	W	35.24	32.68	38.20	38.91	38.65	37.89	37.52	38.75	35.92
September	36.89	37.17	28.42	W	30.65	27.12	35.61	36.34	36.18	35.34	35.04	36.06	33.41
October	36.46	36.80	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.18	38.45	30.13	W	32.48	28.89	37.25	38.04	37.81	36.99	36.55	37.60	34.81

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)					PAD District 3					Federal	
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	48.88	43.67	47.61	52.73	46.47	53.89	52.65	41.86	46.03	54.13
February	51.76	50.40	52.16	49.40	51.83	56.14	50.06	57.44	56.24	47.93	50.85	56.33
March	54.84	53.41	55.16	51.94	57.70	60.19	52.83	61.24	60.19	54.89	56.80	61.22
April	61.16	58.88	60.97	58.29	63.31	66.01	58.27	67.13	65.72	60.16	62.63	66.35
May	57.34	56.11	58.42	55.72	59.71	62.18	55.49	63.60	62.10	55.39	58.48	65.08
June	51.16	49.99	52.39	49.29	54.68	57.63	49.55	58.67	57.20	49.26	52.78	62.54
July	53.71	52.55	54.99	51.86	56.83	59.30	51.91	60.47	59.03	53.94	56.27	60.27
August	50.61	50.12	52.49	48.98	54.27	54.77	49.61	56.63	55.05	51.38	53.11	58.92
September	51.85	51.85	54.69	50.18	55.58	55.38	51.23	57.62	55.98	53.89	55.05	58.02
October	47.92	50.56	52.22	47.20	53.97	55.13	48.68	57.94	53.21	52.30	53.47	56.31
November	51.31	52.21	55.02	50.79	55.28	54.62	48.07	57.21	55.52	55.37	55.30	55.13
December	55.85	54.68	57.58	53.19	58.87	58.76	54.13	61.33	58.77	58.31	59.01	58.63
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
2020												
January	53.65	52.77	55.78	50.88	57.47	56.23	52.23	59.04	56.07	56.55	57.63	57.52
February	46.18	46.02	48.60	43.81	51.00	49.17	45.05	51.70	49.68	49.47	50.42	53.70
March	28.64	25.86	28.14	23.66	32.79	28.68	24.67	31.15	28.75	29.89	31.74	38.06
April	11.76	13.61	14.28	10.05	17.01	12.59	12.74	16.12	14.14	15.40	16.25	20.37
May	18.03	20.90	19.96	10.31	17.12	18.03	22.15	20.97	20.80	17.25	17.06	16.97
June	35.98	31.96	33.77	33.96	33.60	34.52	32.59	36.55	36.08	33.62	34.11	31.76
July	36.80	34.06	37.87	34.80	38.17	36.19	35.46	39.15	37.76	37.73	38.32	37.96
August	37.66	37.26	39.51	36.11	40.00	38.23	36.80	40.66	39.95	39.94	39.81	41.02
September	35.35	33.12	36.68	33.13	37.65	35.48	34.54	38.50	37.18	37.30	37.11	39.80
October	35.02	33.45	36.62	33.30	37.21	35.15	34.23	37.81	36.70	37.13	37.07	37.95
November	36.89	34.75	38.45	35.17	38.74	36.79	36.16	39.51	39.04	38.66	38.63	39.11

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				Federal Offshore CA	
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Offshore CA	
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97	
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99	
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78	
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32	
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38	
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03	
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25	
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23	
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48	
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37	
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39	
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68	
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59	
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80	
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01	
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04	
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40	
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55	
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62	
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W	
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W	
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W	
2019											
January	44.13	45.47	42.10	43.26	43.17	55.24	53.34	W	57.72	W	
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W	
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W	
April	58.16	58.06	58.12	54.70	59.70	66.53	63.91	W	69.74	W	
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W	
June	48.69	48.59	48.18	47.75	49.33	58.91	56.56	W	61.87	W	
July	51.46	51.45	51.12	48.43	52.41	60.32	57.87	W	63.17	W	
August	48.66	48.73	48.50	46.37	49.54	55.63	52.22	W	58.53	W	
September	50.56	51.18	50.34	47.81	51.00	57.94	55.37	W	61.24	W	
October	47.74	48.13	45.82	46.81	48.00	56.16	53.66	W	59.55	W	
November	50.53	50.39	49.67	49.59	51.20	58.93	56.76	W	62.10	W	
December	52.93	53.51	52.43	49.82	53.52	61.27	59.08	W	64.51	W	
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W	
2020											
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W	
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W	
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W	
April	11.20	9.53	9.95	18.69	10.75	15.33	12.29	W	19.50	W	
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W	
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W	
July	34.90	36.04	33.81	33.89	35.03	35.04	31.07	-	40.36	W	
August	36.93	37.99	35.57	37.49	36.45	38.34	35.80	-	41.65	W	
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W	
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W	
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W	

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 19. Domestic crude oil first purchase prices for selected crude streams
dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.16	42.07	44.04
February	56.99	60.94	60.26	58.99	57.25	55.07	49.27	48.28	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.67	55.51	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.61	61.31	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.56	56.74	56.88
June	56.56	61.31	60.16	61.02	59.18	60.54	51.69	50.49	50.22
July	57.87	62.73	61.55	62.53	60.72	59.13	55.45	54.60	53.20
August	52.22	58.66	57.61	59.12	56.31	57.42	52.72	52.40	50.21
September	55.37	60.86	57.99	59.77	57.00	56.86	54.71	54.63	51.62
October	53.66	59.93	56.92	58.32	56.31	54.87	53.17	52.56	47.90
November	56.76	62.28	59.39	56.78	55.41	53.71	54.57	55.37	51.87
December	59.08	64.65	61.29	61.03	57.88	57.48	58.89	58.62	54.38
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020									
January	56.49	63.23	60.51	58.07	55.77	55.49	57.98	56.73	52.01
February	48.24	53.93	50.70	53.19	47.72	50.53	50.68	49.74	45.03
March	34.68	31.47	28.50	35.95	32.33	32.29	33.21	30.79	24.97
April	12.29	W	16.53	18.45	16.39	15.22	17.57	15.83	11.05
May	20.52	W	26.82	15.85	19.86	17.35	17.37	15.63	22.08
June	26.24	W	37.47	31.85	36.86	33.26	34.20	34.92	33.96
July	31.07	W	39.89	36.01	38.43	38.43	38.57	37.03	34.98
August	35.80	W	40.60	39.99	40.81	41.33	40.10	39.09	36.53
September	31.90	W	38.12	37.11	37.57	39.34	37.56	36.07	33.66
October	30.82	W	37.93	36.72	37.66	37.90	37.33	36.26	34.35
November	34.69	W	39.95	37.86	39.95	39.69	38.90	38.09	36.36

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019						
January	57.16	57.06	52.95	49.72	44.84	47.48
February	61.16	60.50	56.72	53.70	49.98	52.79
March	64.70	64.14	59.90	59.55	55.98	57.24
April	69.29	68.82	63.69	64.91	61.84	63.14
May	68.10	68.18	62.42	61.94	57.90	59.15
June	61.37	60.74	56.25	57.05	52.07	53.40
July	62.78	62.42	57.57	58.11	55.61	56.36
August	58.71	58.56	51.98	56.02	52.83	52.80
September	60.34	60.36	55.15	56.69	54.71	54.55
October	59.30	58.62	53.43	54.73	53.02	51.66
November	61.69	61.14	56.49	55.07	54.55	54.67
December	64.01	63.33	58.76	58.76	58.67	58.34
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020						
January	62.86	61.73	56.16	56.47	57.62	56.25
February	53.45	52.84	47.92	50.97	50.33	48.88
March	31.20	31.18	34.22	32.74	32.58	28.62
April	19.11	18.77	12.23	16.36	17.23	13.79
May	27.48	27.74	20.53	16.69	17.89	18.35
June	37.99	38.53	26.44	33.74	34.39	35.29
July	39.84	39.61	31.16	37.53	38.43	37.95
August	41.36	41.53	35.80	40.36	39.98	39.41
September	38.78	38.94	31.88	37.99	37.40	36.72
October	38.42	38.59	30.86	37.19	37.21	36.66
November	40.46	40.71	34.68	38.88	38.84	38.45

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.25	58.54	54.94	46.13
February	-	56.59	58.52	W	W	W	62.58	63.09	51.63	
March	-	61.28	60.66	W	67.34	W	-	65.62	65.95	55.66
April	-	67.09	63.13	W	70.60	70.45	-	68.89	70.54	59.56
May	W	65.40	62.16	70.81	W	69.74	-	65.97	67.80	59.17
June	W	61.09	58.75	W	W	W	-	62.67	63.28	51.82
July	W	W	58.93	W	W	W	-	62.08	63.82	52.32
August	-	59.37	50.72	W	59.24	W	-	57.90	59.51	50.47
September	-	W	56.73	W	60.27	W	-	58.79	59.66	51.05
October	-	W	51.74	W	W	W	-	56.42	58.30	48.81
November	-	59.42	51.24	W	60.69	W	-	58.47	60.86	49.22
December	-	58.95	55.23	-	63.59	W	-	61.63	61.72	50.26
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020										
January	-	56.90	53.70	W	49.26	W	-	50.36	53.02	46.47
February	-	W	47.74	W	W	W	-	W	53.00	40.64
March	W	27.34	28.59	W	W	W	-	24.18	28.28	23.56
April	W	19.88	12.25	W	21.44	-	-	21.44	22.79	11.81
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.84	41.40	31.38
July	-	W	37.95	W	42.86	-	-	40.60	41.48	34.64
August	-	40.34	40.16	W	W	-	-	W	44.02	35.77
September	-	37.36	38.42	W	W	-	-	W	R41.19	35.17
October	W	W	R37.03	W	-	-	-	-	R40.10	R33.97
November	-	W	39.04	-	-	-	-	W	W	35.33

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Total Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019											
January	-	40.33	56.26	56.12	W	61.69	W	51.68	59.80	57.34	45.44
February	-	50.48	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.82
March	-	54.61	64.65	61.82	W	67.50	W	55.25	65.81	65.30	57.85
April	W	59.01	69.08	64.18	75.99	69.74	73.00	-	68.83	69.89	62.21
May	72.84	58.49	68.17	62.81	72.66	67.93	71.30	W	67.05	68.82	62.19
June	W	50.84	65.87	59.32	69.37	65.06	65.41	-	63.71	65.04	55.30
July	W	51.14	64.10	59.50	67.57	64.14	64.63	-	63.83	64.76	55.02
August	-	50.68	59.22	51.59	65.76	61.59	W	-	60.87	61.75	52.99
September	W	50.64	58.77	57.73	66.34	61.59	64.40	-	61.03	61.58	53.27
October	W	49.64	57.88	53.03	65.73	62.36	63.06	-	59.89	60.99	51.93
November	W	49.20	60.91	52.57	69.20	64.85	W	-	62.06	62.97	51.97
December	-	48.36	62.66	56.78	W	65.83	W	-	63.23	63.52	52.13
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
2020											
January	-	45.70	62.93	55.93	W	53.68	W	-	55.30	57.36	49.70
February	-	39.83	54.16	49.62	62.07	52.48	W	-	52.65	54.24	42.80
March	W	23.47	35.15	29.42	W	23.94	W	-	27.04	29.04	25.97
April	30.93	13.34	23.24	13.73	W	22.33	W	-	22.78	23.66	14.91
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75
June	-	34.85	33.13	35.04	W	39.88	W	-	40.56	41.07	35.20
July	-	37.69	37.64	38.72	W	43.68	W	-	42.74	43.46	38.38
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86
September	W	35.66	38.27	39.01	W	R43.13	W	-	R41.83	R42.13	R37.39
October	W	R35.69	38.29	R37.44	W	W	W	-	W	R40.78	R36.60
November	W	36.66	42.56	39.54	W	W	W	-	41.54	42.87	37.71

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019							
January	48.18	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.78	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	64.17	57.03	W	W
April	59.61	57.29	62.14	66.71	65.05	71.65	W
May	59.94	57.95	61.84	65.10	61.31	68.69	W
June	53.79	50.17	55.28	61.36	58.20	63.80	W
July	53.57	51.11	58.63	60.81	53.70	65.61	W
August	48.72	48.47	53.90	58.52	53.30	W	W
September	51.78	49.76	52.20	58.19	52.37	W	W
October	46.40	47.17	52.20	58.92	53.13	59.88	W
November	49.64	46.43	54.53	60.15	57.24	65.89	W
December	48.69	47.17	53.35	61.29	56.70	W	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.30	45.17	51.88	38.00	-	W
March	21.99	21.54	30.18	30.46	28.58	-	W
April	11.21	8.92	16.33	19.44	19.57	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	29.84	35.24	36.10	34.82	W	W
July	32.43	33.99	34.95	37.81	40.39	W	-
August	34.78	34.94	35.24	38.88	39.53	-	W
September	30.98	34.16	32.19	R39.60	39.25	-	-
October	R31.30	R33.30	R34.56	37.95	R37.65	W	W
November	32.08	34.39	32.44	39.84	39.00	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.52	59.38	61.09	55.65	61.35	W
March	57.67	55.82	61.24	64.52	60.98	63.21	W
April	61.67	60.59	65.70	67.95	65.63	71.06	70.32
May	64.18	60.96	66.20	66.78	64.57	68.48	W
June	56.90	53.00	60.90	63.03	60.18	63.93	W
July	56.50	53.46	61.99	61.85	55.80	65.94	W
August	52.24	50.56	58.23	60.60	58.39	59.54	W
September	54.80	51.17	57.12	59.85	56.27	62.23	63.05
October	50.71	50.15	56.19	60.82	55.61	59.30	64.88
November	53.19	49.06	57.11	62.56	57.88	63.45	W
December	54.44	48.60	55.65	62.15	60.66	63.04	65.00
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020							
January	50.96	46.84	57.89	56.99	53.78	62.71	W
February	42.84	40.69	49.41	51.87	44.15	W	W
March	26.04	24.59	32.60	28.05	30.07	W	22.37
April	15.22	12.22	19.57	21.95	24.07	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.24	37.81	47.86	W
July	36.88	37.70	37.46	41.21	43.66	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	R36.17	37.70	R41.04	42.18	R44.67	W
October	R36.15	R35.53	R37.53	R39.18	R40.01	R44.92	W
November	36.88	36.47	39.62	40.80	42.09	53.59	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 25. Percentages of total imported crude oil by API gravity
percent by interval**

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019							
January	16.18	37.86	11.25	23.39	8.05	1.46	1.82
February	8.61	44.72	11.94	22.25	8.57	W	W
March	10.56	41.61	15.83	21.04	7.41	W	W
April	9.44	46.64	9.07	19.88	10.28	3.07	1.62
May	14.60	41.48	9.74	18.87	12.32	W	W
June	11.06	44.41	9.04	20.71	10.21	W	W
July	9.94	45.85	12.24	18.07	10.33	W	W
August	12.05	41.51	13.01	20.49	10.56	W	W
September	14.75	40.12	10.31	19.37	11.15	2.72	1.59
October	15.36	44.78	9.78	18.83	6.85	2.06	2.35
November	14.43	43.26	13.00	18.11	6.67	W	W
December	11.85	48.61	10.65	19.08	6.96	0.82	2.04
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020							
January	11.17	51.54	9.85	20.68	4.12	W	W
February	11.96	50.11	9.62	21.75	3.57	W	W
March	12.73	47.13	9.81	25.64	3.48	W	W
April	13.88	41.21	6.97	30.76	5.09	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.49	46.95	10.82	22.75	5.25	W	W
July	12.12	49.95	9.33	19.72	5.74	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	R15.41	R43.00	R7.23	R21.94	R8.51	W	W
October	R12.86	R54.64	R8.84	R12.65	R7.51	W	W
November	12.48	54.84	8.20	18.82	4.40	W	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
1st quarter average	-	W	58.80	-	-
April	-	W	64.15	-	-
May	-	W	62.84	-	-
June	-	W	59.11	-	-
2nd quarter average	-	64.52	61.91	-	-
July	-	W	59.37	-	-
August	-	W	51.23	-	-
September	-	W	57.22	-	-
3rd quarter average	-	W	55.73	-	-
October	W	W	52.93	-	-
November	-	W	51.95	-	-
December	-	W	55.43	-	-
4th quarter average	W	W	53.53	-	-
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	R37.13	-	-
November	W	W	38.91	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
1st quarter average	W	-	43.75	50.56	W
April	W	-	56.67	61.22	W
May	W	-	56.50	59.98	-
June	-	-	46.91	51.74	-
2nd quarter average	W	-	53.87	58.25	W
July	-	-	48.33	53.33	-
August	-	-	46.97	53.20	-
September	-	-	W	54.58	-
3rd quarter average	-	-	47.54	53.74	-
October	W	-	45.81	50.40	W
November	-	-	44.03	53.83	-
December	-	-	W	53.95	-
4th quarter average	W	-	43.39	52.51	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.28	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.58	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	38.93	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018	67.94	65.09	65.43	63.62	-
2019					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	63.17	62.40	-
1st quarter average	60.53	52.95	59.94	59.85	-
April	W	W	67.21	64.75	-
May	69.55	67.56	65.51	63.34	-
June	63.79	W	62.79	59.56	-
2nd quarter average	67.80	63.28	65.70	62.62	-
July	64.23	W	63.29	59.86	W
August	60.62	59.82	60.42	52.03	W
September	60.01	58.58	60.75	58.19	-
3rd quarter average	61.88	59.86	61.65	56.47	W
October	60.92	55.04	57.63	53.97	-
November	62.31	59.01	58.32	52.95	-
December	65.02	60.40	60.49	56.89	-
4th quarter average	62.50	58.61	58.73	54.59	-
2019	62.80	58.80	61.37	58.45	W
2020					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.48	-
March	41.79	27.12	38.05	28.62	-
1st quarter average	54.78	46.30	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
2nd quarter average	W	20.25	39.98	25.71	-
July	41.62	-	42.81	38.79	-
August	44.31	W	42.30	40.97	-
September	R42.45	W	40.32	39.12	-
3rd quarter average	R42.88	41.16	42.04	39.72	-
October	R40.76	W	W	R37.49	-
November	41.71	W	41.13	39.34	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	68.93	66.42	66.94	-
1st quarter average	-	64.87	65.38	62.49	W
April	-	W	67.16	72.41	-
May	W	W	W	W	-
June	W	W	63.53	W	-
2nd quarter average	W	W	65.29	70.87	-
July	-	W	W	W	-
August	W	62.47	W	W	-
September	-	W	60.30	W	-
3rd quarter average	W	64.04	60.56	W	-
October	-	63.05	W	W	-
November	-	65.48	W	W	-
December	-	65.56	W	67.53	-
4th quarter average	-	64.62	63.33	66.11	-
2019	W	65.28	64.40	66.19	W
2020					
January	-	51.55	W	W	-
February	-	52.48	W	W	-
March	-	24.14	22.09	W	-
1st quarter average	-	39.54	27.52	W	-
April	-	22.30	19.76	W	-
May	W	31.84	28.07	W	-
June	-	W	41.86	-	-
2nd quarter average	W	27.26	27.29	W	-
July	W	W	42.49	W	-
August	-	W	W	W	-
September	-	R43.42	R42.55	-	-
3rd quarter average	W	R43.55	R42.42	W	-
October	-	W	W	-	-
November	-	W	-	W	-

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
November 2020	1.630	1.451	1.240	2.046	1.457	1.437	2.299	1.843	1.567	1.738	1.477	1.286
October 2020	1.668	1.460	1.266	2.088	1.523	1.461	2.336	1.889	1.596	1.775	1.495	1.312
November 2019	2.137	1.802	1.768	2.575	NA	2.019	2.837	NA	2.189	2.236	1.818	1.819
PAD District 1												
November 2020	1.502	1.237	1.201	1.783	W	1.366	2.010	-	1.500	1.588	1.280	1.241
October 2020	1.550	1.248	1.224	1.826	W	1.395	2.052	-	1.531	1.634	1.290	1.265
November 2019	1.943	W	1.681	2.210	W	1.856	2.444	W	2.023	2.016	W	1.724
Subdistrict 1A												
November 2020	W	-	1.237	W	-	1.416	W	-	1.495	W	-	1.277
October 2020	W	W	1.251	W	-	1.416	W	-	1.522	W	W	1.294
November 2019	W	W	1.724	W	-	1.940	W	-	2.022	W	W	1.766
Connecticut												
November 2020	-	-	1.238	-	-	1.368	-	-	1.492	-	-	1.281
October 2020	-	W	1.252	-	-	1.363	-	-	1.526	-	W	1.300
November 2019	-	W	1.719	-	-	1.850	-	-	2.038	-	W	1.769
Maine												
November 2020	-	-	1.265	-	-	W	-	-	W	-	-	1.286
October 2020	-	-	1.278	-	-	W	-	-	W	-	-	1.301
November 2019	-	-	1.783	-	-	W	-	-	2.123	-	-	1.808
Massachusetts												
November 2020	W	-	1.212	W	-	1.244	W	-	1.435	W	-	1.247
October 2020	W	-	1.228	W	-	1.269	W	-	1.454	W	-	1.263
November 2019	W	-	1.700	W	-	1.802	W	-	1.960	W	-	1.737
New Hampshire												
November 2020	W	-	W	W	-	-	W	-	W	W	-	W
October 2020	W	-	W	W	-	-	W	-	W	W	-	W
November 2019	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
November 2020	W	-	1.251	W	-	W	W	-	W	W	-	1.308
October 2020	W	-	1.269	W	-	W	W	-	W	W	-	1.329
November 2019	W	-	1.726	W	-	W	W	-	W	W	-	1.771
Vermont												
November 2020	-	-	W	-	-	-	-	-	1.475	-	-	W
October 2020	-	-	W	-	-	-	-	-	1.522	-	-	W
November 2019	-	-	1.731	-	-	W	-	-	2.072	-	-	W
Subdistrict 1B												
November 2020	1.585	-	1.203	1.829	-	1.287	2.020	-	1.427	1.671	-	1.235
October 2020	1.614	-	1.219	1.855	-	1.316	2.047	-	1.464	1.698	-	1.253
November 2019	2.024	-	1.695	2.268	-	1.836	2.486	-	2.009	2.101	-	1.737
Delaware												
November 2020	W	-	1.214	W	-	1.406	W	-	1.389	W	-	1.235
October 2020	W	-	1.231	W	-	1.452	W	-	1.417	W	-	1.254
November 2019	W	-	1.702	W	-	1.869	W	-	1.976	W	-	1.731
District of Columbia												
November 2020	-	-	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-	-	-
November 2019	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
November 2020	-	-	1.173	-	-	1.225	-	-	1.331	-	-	1.196
October 2020	-	-	1.200	-	-	1.258	-	-	1.379	-	-	1.227
November 2019	-	-	1.671	-	-	1.756	-	-	1.946	-	-	1.710
New Jersey												
November 2020	W	-	1.188	W	-	1.263	W	-	1.379	W	-	1.217
October 2020	W	-	1.197	W	-	1.274	W	-	1.408	W	-	1.227
November 2019	W	-	1.682	W	-	1.842	W	-	1.980	W	-	1.722
New York												
November 2020	1.632	-	1.252	1.862	-	1.413	2.054	-	1.544	1.716	-	1.307
October 2020	1.662	-	1.269	1.893	-	1.451	2.086	-	1.581	1.746	-	1.327
November 2019	2.092	-	1.742	2.313	-	2.045	2.535	-	2.080	2.165	-	1.800
Pennsylvania												
November 2020	W	-	1.192	W	-	1.326	W	-	1.385	W	-	1.212
October 2020	W	-	1.211	W	-	1.342	W	-	1.427	W	-	1.231
November 2019	W	-	1.684	W	-	1.870	W	-	2.000	W	-	1.714

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
November 2020	W	1.237	1.196	W	W	1.384	W	-	1.548	W	1.280	1.241
October 2020	W	1.249	1.224	W	W	1.414	W	-	1.577	W	1.291	1.269
November 2019	W	W	1.667	W	W	1.856	W	W	2.032	W	W	1.710
Florida												
November 2020	W	W	1.225	W	-	1.387	W	-	1.562	W	W	1.272
October 2020	W	W	1.259	W	-	1.410	W	-	1.598	W	W	1.307
November 2019	W	1.710	1.681	W	-	1.865	W	NA	2.028	W	1.718	1.726
Georgia												
November 2020	W	W	1.182	W	-	1.369	W	-	1.595	W	W	1.234
October 2020	W	W	1.206	W	-	1.391	W	-	1.617	W	W	1.257
November 2019	W	W	1.655	W	-	1.822	W	-	2.053	W	W	1.699
North Carolina												
November 2020	W	-	1.176	W	-	1.430	W	-	1.542	W	-	1.222
October 2020	W	-	1.200	W	-	1.465	W	-	1.567	W	-	1.247
November 2019	W	W	1.656	W	-	1.879	W	W	2.027	W	W	1.697
South Carolina												
November 2020	W	-	1.179	W	W	1.386	W	-	1.549	W	W	1.220
October 2020	W	-	1.207	W	W	1.418	W	-	1.595	W	W	1.249
November 2019	W	W	1.663	W	W	1.890	W	W	2.064	W	W	1.700
Virginia												
November 2020	-	-	1.191	-	-	1.306	-	-	1.462	-	-	1.227
October 2020	-	-	1.216	-	-	1.342	-	-	1.488	-	-	1.252
November 2019	-	W	1.673	-	-	1.809	-	W	2.004	-	W	1.714
West Virginia												
November 2020	W	-	1.168	W	-	1.436	W	-	1.585	W	-	1.191
October 2020	W	-	1.225	W	-	1.481	W	-	1.519	W	-	1.254
November 2019	W	-	1.675	W	-	1.919	W	-	2.096	W	-	1.705
PAD District 2												
November 2020	W	1.403	1.133	W	W	1.271	W	1.471	1.399	W	1.405	1.159
October 2020	W	1.406	1.174	W	W	1.310	W	1.570	1.448	W	1.420	1.201
November 2019	W	1.814	1.641	W	W	1.816	W	W	2.021	W	1.829	1.672
Illinois												
November 2020	W	1.416	1.119	W	-	1.256	W	W	1.397	W	1.368	1.149
October 2020	W	1.452	1.162	W	-	1.305	W	W	1.443	W	1.413	1.193
November 2019	W	1.770	1.594	W	-	1.781	W	W	2.006	W	1.778	1.635
Indiana												
November 2020	W	W	1.113	W	-	1.287	W	-	1.436	W	W	1.138
October 2020	W	W	1.167	W	-	1.331	W	-	1.495	W	W	1.194
November 2019	W	W	1.605	W	-	1.790	W	-	2.034	W	W	1.634
Iowa												
November 2020	-	W	1.130	-	-	1.228	-	-	1.292	-	W	1.146
October 2020	-	W	1.156	-	-	1.252	-	-	1.328	-	W	1.174
November 2019	-	-	1.688	-	-	1.836	-	-	2.000	-	-	1.713
Kansas												
November 2020	W	W	1.109	W	W	1.212	-	-	1.258	W	W	1.129
October 2020	W	W	1.130	W	W	1.231	-	-	1.286	W	W	1.148
November 2019	W	W	1.651	W	W	1.805	-	-	1.934	W	W	1.678
Kentucky												
November 2020	W	W	1.199	W	-	1.330	W	-	1.528	W	W	1.222
October 2020	W	W	1.247	W	-	1.369	W	-	1.578	W	W	1.270
November 2019	W	W	1.679	W	-	1.875	W	NA	2.092	W	W	1.703
Michigan												
November 2020	W	W	1.129	W	-	1.502	W	W	1.552	W	W	1.159
October 2020	W	W	1.189	W	-	1.561	W	W	1.621	W	W	1.220
November 2019	W	W	1.619	W	-	1.930	W	W	2.130	W	W	1.649
Minnesota												
November 2020	W	W	1.108	W	W	1.192	W	W	1.265	W	W	1.126
October 2020	W	W	1.134	W	W	1.239	W	W	1.305	W	W	1.155
November 2019	W	W	1.675	W	W	1.789	W	W	1.941	W	W	1.700
Missouri												
November 2020	-	W	1.145	-	-	1.199	-	-	1.365	-	W	1.164
October 2020	-	W	1.170	-	-	1.242	-	-	1.395	-	W	1.191
November 2019	-	W	1.673	-	-	1.821	-	-	2.032	-	W	1.701

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades						
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale				
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]					
PAD District 2 (cont.)																
Nebraska																
November 2020	W	W	1.142	W	W	1.258	-	-	1.326	W	W	1.162				
October 2020	W	W	1.165	W	W	1.286	-	-	1.358	W	W	1.186				
November 2019	W	W	1.702	W	W	1.832	-	-	2.035	W	W	1.733				
North Dakota																
November 2020	W	W	1.200	W	W	1.279	W	W	1.428	W	W	1.227				
October 2020	W	W	1.194	W	W	1.273	W	W	1.406	W	W	1.220				
November 2019	W	W	1.753	W	W	1.887	W	W	2.178	W	W	1.795				
Ohio																
November 2020	W	W	1.132	W	-	1.362	W	W	1.483	W	W	1.158				
October 2020	W	W	1.189	W	-	1.423	W	W	1.557	W	W	1.217				
November 2019	W	W	1.656	W	-	1.930	W	W	2.129	W	W	1.687				
Oklahoma																
November 2020	W	W	1.121	W	-	1.299	W	-	1.255	W	W	1.145				
October 2020	W	W	1.142	W	-	1.330	W	-	1.281	W	W	1.166				
November 2019	W	W	1.681	W	-	1.820	W	-	1.949	W	W	1.716				
South Dakota																
November 2020	W	W	1.176	W	W	1.250	W	W	1.360	W	W	1.196				
October 2020	W	W	1.212	W	W	1.283	W	W	1.416	W	W	1.233				
November 2019	W	W	1.687	W	W	1.829	W	W	2.046	W	W	1.720				
Tennessee																
November 2020	W	W	1.173	W	-	1.373	W	W	1.489	W	W	1.204				
October 2020	W	W	1.200	W	-	1.403	W	W	1.520	W	W	1.232				
November 2019	W	W	1.635	W	-	1.792	W	NA	1.929	W	W	1.662				
Wisconsin																
November 2020	W	W	1.103	W	W	1.200	W	W	1.475	W	W	1.136				
October 2020	W	W	1.155	W	W	1.250	W	W	1.558	W	W	1.191				
November 2019	W	W	1.612	W	W	1.774	W	W	2.097	W	W	1.649				
PAD District 3																
November 2020	1.549	1.318	1.175	1.842	W	1.315	2.114	1.942	1.357	1.622	1.475	1.199				
October 2020	1.467	1.399	1.206	1.869	W	1.338	2.144	2.013	1.409	1.555	1.553	1.231				
November 2019	1.980	1.674	1.640	2.298	W	1.808	2.550	W	1.939	2.047	1.723	1.669				
Alabama																
November 2020	W	W	1.180	W	-	1.333	W	W	1.611	W	W	1.221				
October 2020	W	W	1.202	W	-	1.351	W	W	1.631	W	W	1.242				
November 2019	W	W	1.645	W	-	1.825	W	W	2.073	W	W	1.681				
Arkansas																
November 2020	-	-	1.162	-	-	1.340	-	-	1.448	-	-	1.190				
October 2020	-	-	1.182	-	-	1.363	-	-	1.474	-	-	1.210				
November 2019	-	-	1.666	-	-	1.852	-	-	1.999	-	-	1.693				
Louisiana																
November 2020	-	W	1.152	-	-	1.325	-	-	1.395	-	W	1.175				
October 2020	-	W	1.194	-	-	1.364	-	-	1.455	-	W	1.217				
November 2019	-	W	1.606	-	-	1.793	-	-	1.896	-	W	1.630				
Mississippi																
November 2020	-	-	1.185	-	-	1.317	-	-	1.535	-	-	1.216				
October 2020	-	-	1.214	-	-	1.343	-	-	1.531	-	-	1.247				
November 2019	-	-	1.662	-	-	1.853	-	-	2.046	-	-	1.690				
New Mexico																
November 2020	1.582	W	1.269	1.839	-	1.296	2.115	W	1.595	1.661	W	1.317				
October 2020	1.604	W	1.287	1.870	-	1.355	2.148	W	1.607	1.686	W	1.333				
November 2019	W	W	1.824	W	-	1.987	2.650	W	2.195	W	W	1.870				
Texas																
November 2020	W	W	1.177	W	W	1.310	W	W	1.306	W	W	1.196				
October 2020	W	W	1.207	W	W	1.330	W	W	1.361	W	W	1.228				
November 2019	1.885	W	1.636	2.190	W	1.767	2.468	W	1.911	1.947	W	1.665				

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
November 2020	W	1.715	1.316	W	W	1.556	2.247	W	1.651	W	1.775	1.386
October 2020	W	1.623	1.351	W	W	1.633	2.312	W	1.707	W	1.705	1.426
November 2019	W	2.153	2.047	W	W	2.316	2.879	W	2.417	W	2.200	2.117
Colorado												
November 2020	1.681	1.656	1.301	W	W	1.548	W	-	1.627	1.829	1.646	1.367
October 2020	1.749	1.651	1.296	2.039	W	1.561	2.345	W	1.657	1.899	1.654	1.368
November 2019	W	2.285	2.059	2.632	W	2.292	W	W	2.474	2.515	2.266	2.134
Idaho												
November 2020	W	W	1.358	W	W	1.657	W	NA	1.682	W	W	1.416
October 2020	W	W	1.421	W	W	1.761	W	W	1.747	W	W	1.480
November 2019	W	W	2.113	W	W	2.322	W	W	2.408	W	W	2.157
Montana												
November 2020	W	W	1.360	W	W	1.518	W	W	1.798	W	W	1.442
October 2020	W	W	1.345	W	W	1.482	W	W	1.791	W	W	1.424
November 2019	W	W	1.851	W	W	2.037	W	W	2.317	W	W	1.926
Utah												
November 2020	W	W	1.291	W	W	1.565	W	-	1.606	W	W	1.373
October 2020	W	W	1.399	W	W	1.678	W	-	1.717	W	W	1.482
November 2019	W	W	2.111	W	W	2.417	W	-	2.395	W	W	2.180
Wyoming												
November 2020	W	W	1.329	W	-	1.503	W	-	1.754	W	W	1.402
October 2020	W	W	1.351	W	-	1.539	W	-	1.741	W	W	1.428
November 2019	W	W	1.961	W	-	2.056	W	-	2.333	W	W	2.019
PAD District 5												
November 2020	2.290	1.587	1.588	2.540	1.898	1.798	2.713	1.948	1.885	2.399	NA	1.654
October 2020	2.309	1.607	1.576	2.568	NA	1.790	2.734	1.988	1.865	2.419	NA	1.640
November 2019	2.954	NA	2.245	3.219	2.566	2.492	3.369	NA	2.562	3.050	NA	2.307
Alaska												
November 2020	W	W	W	W	-	W	W	W	1.704	W	W	W
October 2020	W	W	W	W	-	W	W	W	1.703	W	W	W
November 2019	W	W	W	W	-	W	W	W	2.512	W	W	W
Arizona												
November 2020	W	W	1.360	W	W	1.662	W	W	1.630	W	W	1.398
October 2020	W	W	1.401	W	W	1.695	W	W	1.634	W	W	1.435
November 2019	W	W	2.097	W	W	NA	W	W	2.434	W	W	2.140
California												
November 2020	2.418	W	1.738	2.617	-	1.875	2.765	-	1.978	2.517	W	1.800
October 2020	2.446	W	1.718	2.644	W	1.858	2.789	-	1.957	2.543	W	1.779
November 2019	3.113	W	2.420	3.304	W	2.598	3.442	-	2.676	3.196	W	2.477
Hawaii												
November 2020	W	W	W	W	W	W	W	W	W	W	W	W
October 2020	W	W	W	W	W	W	W	W	W	W	W	W
November 2019	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
November 2020	1.612	W	1.435	W	-	1.628	W	-	1.674	1.682	W	1.493
October 2020	NA	W	1.451	NA	-	1.668	NA	-	1.687	NA	W	1.508
November 2019	W	W	2.161	W	-	2.416	W	-	2.413	W	W	2.215
Oregon												
November 2020	2.079	-	1.357	2.319	-	1.594	2.476	-	1.669	2.147	-	1.399
October 2020	2.087	-	1.339	2.327	-	1.570	2.484	-	1.646	2.156	-	1.381
November 2019	2.728	-	1.855	2.899	-	2.083	3.015	-	2.164	2.775	-	1.892
Washington												
November 2020	1.913	W	1.400	2.149	W	1.655	2.343	W	1.717	1.986	W	1.461
October 2020	1.910	W	1.373	2.149	W	1.623	2.346	W	1.692	1.984	W	1.433
November 2019	2.525	W	1.940	2.757	W	2.198	2.930	W	2.267	2.585	W	1.995

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
November 2020	2.485	2.123	1.216	1.180	W	1.322
October 2020	2.495	2.217	1.134	1.107	W	1.293
November 2019	W	2.783	1.979	1.922	W	2.046
PAD District 1						
November 2020	2.289	2.175	1.204	1.177	W	1.366
October 2020	W	2.265	1.146	1.117	2.928	1.263
November 2019	W	2.832	1.920	1.918	W	2.119
Subdistrict 1A						
November 2020	W	W	1.277	W	W	-
October 2020	W	W	1.245	1.148	W	-
November 2019	-	W	2.028	1.949	W	W
Connecticut						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	W
Maine						
November 2020	-	W	W	W	-	-
October 2020	W	W	W	W	-	-
November 2019	-	W	W	W	-	-
Massachusetts						
November 2020	W	-	W	W	W	-
October 2020	W	-	W	W	W	-
November 2019	-	-	W	W	W	-
New Hampshire						
November 2020	-	-	W	-	W	-
October 2020	-	-	W	-	W	-
November 2019	-	W	W	-	W	-
Rhode Island						
November 2020	-	-	W	W	W	-
October 2020	-	-	W	W	W	-
November 2019	-	-	W	W	W	-
Vermont						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	-
Subdistrict 1B						
November 2020	-	W	1.188	1.161	W	1.317
October 2020	W	W	1.141	1.100	2.880	1.228
November 2019	-	2.929	1.947	1.915	W	2.077
Delaware						
November 2020	-	-	-	-	W	-
October 2020	-	-	-	-	W	W
November 2019	-	-	-	W	W	W
District of Columbia						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Maryland						
November 2020	-	-	W	1.138	-	W
October 2020	-	-	W	1.105	-	W
November 2019	-	-	W	W	-	W
New Jersey						
November 2020	-	-	1.201	1.159	W	W
October 2020	-	-	1.150	1.097	W	W
November 2019	-	-	1.927	1.926	W	2.054
New York						
November 2020	-	W	1.193	1.235	W	W
October 2020	W	W	1.141	1.222	W	W
November 2019	-	W	1.968	2.014	W	2.187
Pennsylvania						
November 2020	-	W	1.145	1.156	2.732	W
October 2020	W	W	1.130	1.096	2.551	1.880
November 2019	-	W	W	1.895	3.181	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
November 2020	W	2.125	1.211	1.188	W	1.732
October 2020	W	W	1.142	1.132	W	1.660
November 2019	W	2.798	1.896	1.908	W	2.285
Florida						
November 2020	W	W	1.226	1.191	W	-
October 2020	-	W	1.158	1.131	W	-
November 2019	-	2.748	1.901	1.908	W	-
Georgia						
November 2020	W	W	W	1.183	-	W
October 2020	W	W	W	1.146	-	W
November 2019	W	W	W	1.905	-	W
North Carolina						
November 2020	-	W	W	1.185	W	1.734
October 2020	-	-	1.135	1.125	W	1.673
November 2019	-	W	1.888	1.919	W	2.274
South Carolina						
November 2020	-	-	W	1.165	W	W
October 2020	-	-	W	1.138	W	-
November 2019	-	-	W	1.910	W	W
Virginia						
November 2020	-	W	1.154	1.175	-	W
October 2020	-	W	1.097	1.137	-	W
November 2019	-	W	1.878	1.918	-	W
West Virginia						
November 2020	-	-	-	W	W	-
October 2020	-	-	-	W	W	-
November 2019	-	-	-	W	W	-
PAD District 2						
November 2020	W	W	1.178	1.183	W	1.986
October 2020	W	W	1.121	1.126	W	1.773
November 2019	W	2.804	1.913	1.896	W	2.646
Illinois						
November 2020	W	W	1.201	W	W	W
October 2020	-	W	1.130	W	W	W
November 2019	W	W	1.933	W	W	W
Indiana						
November 2020	-	-	1.162	1.163	W	2.180
October 2020	-	-	1.100	1.120	W	1.944
November 2019	-	-	1.894	1.902	W	2.860
Iowa						
November 2020	-	-	1.299	W	-	-
October 2020	-	-	1.261	W	-	-
November 2019	-	-	W	1.938	-	-
Kansas						
November 2020	W	W	W	W	-	W
October 2020	W	W	W	W	-	W
November 2019	W	W	W	W	-	W
Kentucky						
November 2020	W	W	W	1.155	W	W
October 2020	W	W	W	1.114	W	W
November 2019	-	W	W	1.885	W	W
Michigan						
November 2020	-	-	W	1.134	W	W
October 2020	W	-	1.084	1.103	W	W
November 2019	W	-	W	1.857	W	W
Minnesota						
November 2020	W	W	W	1.188	W	W
October 2020	W	W	W	1.112	W	W
November 2019	W	W	1.910	1.880	W	W
Missouri						
November 2020	W	-	W	W	-	-
October 2020	W	-	W	W	-	W
November 2019	W	-	W	W	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
November 2020	W	-	W	W	-	-
October 2020	W	-	W	W	-	-
November 2019	W	-	W	W	-	-
North Dakota						
November 2020	-	-	W	W	W	W
October 2020	-	-	W	W	W	W
November 2019	-	-	W	W	W	-
Ohio						
November 2020	W	-	1.184	1.157	W	W
October 2020	W	-	1.147	1.102	W	W
November 2019	-	W	1.925	1.861	W	W
Oklahoma						
November 2020	W	-	W	W	-	W
October 2020	W	-	W	1.117	-	W
November 2019	W	-	W	1.934	-	W
South Dakota						
November 2020	-	-	W	-	-	-
October 2020	W	-	W	-	-	-
November 2019	-	-	W	-	-	-
Tennessee						
November 2020	-	W	W	1.167	W	W
October 2020	-	W	W	1.134	W	W
November 2019	-	W	W	1.910	W	W
Wisconsin						
November 2020	-	-	W	W	W	W
October 2020	-	-	W	W	W	W
November 2019	-	-	W	1.955	W	W
PAD District 3						
November 2020	W	1.952	1.171	1.110	-	W
October 2020	W	2.051	1.121	1.060	-	1.173
November 2019	W	2.556	1.896	1.850	-	1.892
Alabama						
November 2020	-	W	1.179	1.158	-	W
October 2020	-	W	1.131	1.126	-	W
November 2019	-	W	1.913	1.890	-	W
Arkansas						
November 2020	-	-	W	1.233	-	-
October 2020	-	-	W	1.181	-	-
November 2019	W	W	W	2.022	-	-
Louisiana						
November 2020	W	W	1.109	1.078	-	W
October 2020	-	W	1.099	1.040	-	W
November 2019	-	2.559	1.866	1.850	-	W
Mississippi						
November 2020	-	W	W	1.139	-	W
October 2020	-	W	1.056	1.050	-	W
November 2019	-	W	1.837	1.848	-	W
New Mexico						
November 2020	W	-	W	W	-	-
October 2020	W	-	1.230	W	-	-
November 2019	W	-	W	W	-	-
Texas						
November 2020	W	1.962	1.179	1.115	-	W
October 2020	W	W	1.127	1.060	-	W
November 2019	W	W	1.918	1.849	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
November 2020	W	W	1.396	1.319	-	-
October 2020	W	W	1.275	1.229	-	-
November 2019	W	W	2.132	2.071	W	-
Colorado						
November 2020	W	-	W	1.241	-	-
October 2020	W	-	W	1.181	-	-
November 2019	W	-	1.981	2.010	-	-
Idaho						
November 2020	-	-	W	1.450	-	-
October 2020	-	-	W	1.389	-	-
November 2019	-	-	W	2.322	W	-
Montana						
November 2020	-	W	W	W	-	-
October 2020	W	W	W	W	-	-
November 2019	-	W	W	W	-	-
Utah						
November 2020	-	W	1.438	W	-	-
October 2020	-	W	1.307	1.307	-	-
November 2019	-	W	2.229	2.262	-	-
Wyoming						
November 2020	W	-	1.359	W	-	-
October 2020	-	-	1.223	W	-	-
November 2019	-	-	W	W	-	-
PAD District 5						
November 2020	W	2.328	1.261	1.276	W	W
October 2020	W	W	1.137	1.137	W	W
November 2019	W	3.037	2.065	2.052	W	W
Alaska						
November 2020	W	-	W	W	-	-
October 2020	W	W	W	W	-	-
November 2019	W	-	W	W	-	-
Arizona						
November 2020	W	W	W	1.319	-	-
October 2020	W	W	W	1.171	-	-
November 2019	W	W	W	2.112	-	-
California						
November 2020	W	2.362	1.279	1.260	W	W
October 2020	W	W	1.122	1.115	W	W
November 2019	W	3.038	2.090	2.057	W	W
Hawaii						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	-
Nevada						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	-
Oregon						
November 2020	-	W	1.321	W	-	-
October 2020	-	W	1.152	1.138	-	-
November 2019	-	3.275	2.148	W	-	-
Washington						
November 2020	-	W	1.261	1.306	NA	-
October 2020	-	W	1.126	1.200	W	-
November 2019	-	W	2.112	2.037	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
November 2020	1.769	1.647	1.485	1.306	-	W
October 2020	1.878	1.499	1.400	1.210	-	W
November 2019	2.641	2.420	2.128	1.968	-	W
PAD District 1						
November 2020	-	1.651	1.510	1.247	-	-
October 2020	-	1.740	1.470	1.174	-	-
November 2019	W	2.418	2.127	1.932	-	-
Subdistrict 1A						
November 2020	-	-	W	1.252	-	-
October 2020	-	-	W	1.181	-	-
November 2019	-	-	W	1.963	-	-
Connecticut						
November 2020	-	-	-	1.242	-	-
October 2020	-	-	W	1.175	-	-
November 2019	-	-	W	1.955	-	-
Maine						
November 2020	-	-	-	1.258	-	-
October 2020	-	-	-	1.195	-	-
November 2019	-	-	-	2.004	-	-
Massachusetts						
November 2020	-	-	W	1.249	-	-
October 2020	-	-	W	1.186	-	-
November 2019	-	-	W	1.972	-	-
New Hampshire						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	-
Rhode Island						
November 2020	-	-	W	1.253	-	-
October 2020	-	-	W	1.178	-	-
November 2019	-	-	W	1.945	-	-
Vermont						
November 2020	-	-	-	W	-	-
October 2020	-	-	-	W	-	-
November 2019	-	-	-	W	-	-
Subdistrict 1B						
November 2020	-	1.651	W	1.224	-	-
October 2020	-	1.718	W	1.165	-	-
November 2019	W	2.410	W	1.933	-	-
Delaware						
November 2020	-	-	W	1.245	-	-
October 2020	-	-	W	1.185	-	-
November 2019	-	-	W	1.953	-	-
District of Columbia						
November 2020	-	-	-	W	-	-
October 2020	-	-	-	W	-	-
November 2019	-	-	-	W	-	-
Maryland						
November 2020	-	-	W	1.252	-	-
October 2020	-	-	W	1.167	-	-
November 2019	-	-	W	1.932	-	-
New Jersey						
November 2020	-	-	1.480	1.185	-	-
October 2020	-	-	1.400	1.145	-	-
November 2019	-	-	2.132	1.921	-	-
New York						
November 2020	-	W	2.025	1.289	-	-
October 2020	-	1.437	2.053	1.213	-	-
November 2019	-	W	2.456	1.998	-	-
Pennsylvania						
November 2020	-	W	1.407	1.257	-	-
October 2020	-	W	1.376	1.181	-	-
November 2019	W	W	2.161	1.940	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
November 2020	-	-	1.439	1.272	-	-
October 2020	-	W	1.380	1.181	-	-
November 2019	-	W	2.048	1.924	-	-
Florida						
November 2020	-	-	1.440	1.294	-	-
October 2020	-	-	1.375	1.206	-	-
November 2019	-	-	2.052	1.934	-	-
Georgia						
November 2020	-	-	1.297	1.259	-	-
October 2020	-	W	1.228	1.166	-	-
November 2019	-	W	1.929	1.902	-	-
North Carolina						
November 2020	-	-	1.491	1.259	-	-
October 2020	-	-	1.490	1.162	-	-
November 2019	-	-	2.062	1.915	-	-
South Carolina						
November 2020	-	-	W	1.260	-	-
October 2020	-	-	W	1.166	-	-
November 2019	-	-	W	1.922	-	-
Virginia						
November 2020	-	-	W	1.265	-	-
October 2020	-	-	W	1.175	-	-
November 2019	-	-	1.897	1.922	-	-
West Virginia						
November 2020	-	-	1.379	1.282	-	-
October 2020	-	-	1.246	1.226	-	-
November 2019	-	-	W	1.983	-	-
PAD District 2						
November 2020	1.854	1.600	1.392	1.308	-	-
October 2020	1.718	1.487	1.324	1.220	-	-
November 2019	2.636	2.396	2.031	1.959	-	-
Illinois						
November 2020	W	1.613	1.430	1.283	-	-
October 2020	W	1.582	1.372	1.190	-	-
November 2019	W	2.445	2.025	1.923	-	-
Indiana						
November 2020	-	W	1.441	1.323	-	-
October 2020	-	W	1.371	1.241	-	-
November 2019	-	W	W	1.941	-	-
Iowa						
November 2020	-	1.544	W	1.349	-	-
October 2020	-	1.449	W	1.256	-	-
November 2019	-	2.383	2.011	1.989	-	-
Kansas						
November 2020	W	1.559	1.248	1.296	-	-
October 2020	W	1.428	1.141	1.184	-	-
November 2019	W	2.305	W	1.939	-	-
Kentucky						
November 2020	W	W	1.411	1.324	-	-
October 2020	-	W	1.321	1.248	-	-
November 2019	W	W	2.031	1.964	-	-
Michigan						
November 2020	W	2.051	1.606	1.306	-	-
October 2020	W	2.029	1.585	1.240	-	-
November 2019	W	2.815	2.249	1.988	-	-
Minnesota						
November 2020	W	1.570	1.459	1.365	-	-
October 2020	W	1.469	1.500	1.287	-	-
November 2019	W	2.412	2.145	2.041	-	-
Missouri						
November 2020	W	1.567	1.380	1.307	-	-
October 2020	W	1.454	1.304	1.206	-	-
November 2019	-	2.381	2.042	1.955	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
November 2020	W	1.576	1.334	1.348	-	-
October 2020	W	1.479	1.208	1.245	-	-
November 2019	W	2.383	W	1.989	-	-
North Dakota						
November 2020	W	1.670	W	1.420	-	-
October 2020	W	1.576	W	1.342	-	-
November 2019	W	2.441	W	2.074	-	-
Ohio						
November 2020	-	W	1.436	1.302	-	-
October 2020	-	W	1.365	1.231	-	-
November 2019	-	W	2.062	2.006	-	-
Oklahoma						
November 2020	-	W	1.343	1.263	-	-
October 2020	-	W	1.246	1.148	-	-
November 2019	-	W	1.984	1.908	-	-
South Dakota						
November 2020	W	1.587	W	1.386	-	-
October 2020	W	1.534	W	1.296	-	-
November 2019	W	2.397	W	2.022	-	-
Tennessee						
November 2020	-	W	1.311	1.279	-	-
October 2020	-	W	1.217	1.192	-	-
November 2019	-	W	1.921	1.900	-	-
Wisconsin						
November 2020	W	1.616	1.585	1.350	-	-
October 2020	W	1.491	1.543	1.262	-	-
November 2019	W	2.450	2.166	1.984	-	-
PAD District 3						
November 2020	-	-	1.328	1.216	-	W
October 2020	-	W	1.238	1.140	-	W
November 2019	-	NA	1.962	1.873	-	W
Alabama						
November 2020	-	-	1.296	1.246	-	-
October 2020	-	-	1.203	1.151	-	-
November 2019	-	-	1.942	1.885	-	-
Arkansas						
November 2020	-	-	W	1.289	-	-
October 2020	-	-	W	1.186	-	-
November 2019	-	-	W	1.913	-	-
Louisiana						
November 2020	-	-	1.418	1.178	-	-
October 2020	-	W	W	1.116	-	-
November 2019	-	-	2.022	1.854	-	-
Mississippi						
November 2020	-	-	W	1.250	-	-
October 2020	-	-	1.232	1.149	-	-
November 2019	-	-	W	1.858	-	-
New Mexico						
November 2020	-	-	1.622	1.359	-	-
October 2020	-	-	1.633	1.276	-	-
November 2019	-	-	2.234	2.080	-	-
Texas						
November 2020	-	-	1.306	1.214	-	W
October 2020	-	-	1.208	1.137	-	W
November 2019	-	NA	1.928	1.873	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
November 2020	2.233	1.856	1.547	1.579	-	-
October 2020	W	1.698	1.364	1.325	-	-
November 2019	2.924	2.587	2.267	2.331	-	-
Colorado						
November 2020	W	1.790	1.464	1.413	-	-
October 2020	W	1.575	1.346	1.214	-	-
November 2019	W	2.539	2.217	2.171	-	-
Idaho						
November 2020	W	2.165	2.030	1.729	-	-
October 2020	W	1.754	1.713	1.385	-	-
November 2019	W	2.891	2.705	2.520	-	-
Montana						
November 2020	W	1.772	1.523	1.528	-	-
October 2020	W	1.682	1.345	1.378	-	-
November 2019	W	2.412	W	2.112	-	-
Utah						
November 2020	W	2.463	1.652	1.785	-	-
October 2020	-	1.968	1.414	1.413	-	-
November 2019	W	3.192	2.370	2.573	-	-
Wyoming						
November 2020	-	1.795	1.422	1.480	-	-
October 2020	-	1.668	1.236	1.267	-	-
November 2019	W	2.706	2.078	2.390	-	-
PAD District 5						
November 2020	W	1.694	1.673	1.551	-	-
October 2020	W	1.428	1.574	1.360	-	-
November 2019	W	2.421	2.390	2.238	-	-
Alaska						
November 2020	W	W	W	W	-	-
October 2020	W	W	W	W	-	-
November 2019	W	W	W	W	-	-
Arizona						
November 2020	-	-	1.475	1.443	-	-
October 2020	-	-	1.378	1.267	-	-
November 2019	-	-	2.172	2.265	-	-
California						
November 2020	-	-	1.806	1.586	-	-
October 2020	-	-	1.707	1.413	-	-
November 2019	-	-	2.561	2.287	-	-
Hawaii						
November 2020	-	-	W	W	-	-
October 2020	-	-	W	W	-	-
November 2019	-	-	W	W	-	-
Nevada						
November 2020	-	-	W	1.484	-	-
October 2020	-	-	W	1.310	-	-
November 2019	-	-	W	2.222	-	-
Oregon						
November 2020	-	W	1.677	1.582	-	-
October 2020	-	W	1.415	1.281	-	-
November 2019	-	W	W	2.183	-	-
Washington						
November 2020	W	W	1.656	1.458	-	-
October 2020	W	W	1.475	1.233	-	-
November 2019	W	W	2.331	2.122	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular				Midgrade					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
November 2020	15,456.8	15,578.6	12,553.3	202,774.2	7,133.6	1,368.9	1,379.8	107.1	1,167.4	-
October 2020	16,702.1	16,824.2	13,660.5	214,157.6	5,582.5	1,462.5	1,475.9	110.2	1,297.7	-
November 2019	19,562.8	19,907.0	16,387.9	234,007.2	11,625.3	1,561.1	1,573.0	160.1	1,441.2	-
PAD District 1										
November 2020	4,952.7	4,959.8	W	58,142.3	W	489.3	492.8	-	406.6	-
October 2020	5,245.1	5,252.9	W	60,535.4	W	512.2	516.4	-	446.5	-
November 2019	6,406.7	6,534.9	W	68,703.9	W	567.9	571.4	W	W	-
Subdistrict 1A										
November 2020	W	W	W	W	-	W	W	-	13.6	-
October 2020	W	W	W	W	-	W	W	-	17.6	-
November 2019	W	W	W	W	-	W	W	-	23.4	-
Connecticut										
November 2020	-	-	-	1,623.6	-	-	-	-	3.0	-
October 2020	-	W	-	1,743.2	-	-	-	-	4.3	-
November 2019	-	W	-	2,360.6	-	-	-	-	8.7	-
Maine										
November 2020	-	-	-	508.2	-	-	-	-	W	-
October 2020	-	-	-	581.7	-	-	-	-	W	-
November 2019	-	-	-	W	-	-	-	-	W	-
Massachusetts										
November 2020	W	W	-	928.7	-	W	W	-	2.0	-
October 2020	W	W	-	1,046.9	-	W	W	-	2.8	-
November 2019	W	W	-	1,152.7	-	W	W	-	3.6	-
New Hampshire										
November 2020	W	W	W	W	-	W	W	-	-	-
October 2020	W	W	W	W	-	W	W	-	-	-
November 2019	W	W	W	W	-	W	W	-	-	-
Rhode Island										
November 2020	W	W	-	654.5	-	W	W	-	W	-
October 2020	W	W	-	677.5	-	W	W	-	W	-
November 2019	W	W	-	869.5	-	W	W	-	W	-
Vermont										
November 2020	-	-	W	43.2	-	-	-	-	-	-
October 2020	-	-	W	W	-	-	-	-	-	-
November 2019	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
November 2020	2,708.0	2,708.0	W	W	W	301.5	301.5	-	81.1	-
October 2020	2,882.2	2,882.2	W	18,829.6	W	316.2	316.2	-	89.4	-
November 2019	3,522.2	3,522.2	W	21,222.2	W	350.6	350.6	W	W	-
Delaware										
November 2020	W	W	-	766.2	-	W	W	-	4.9	-
October 2020	W	W	-	805.3	-	W	W	-	5.8	-
November 2019	W	W	-	1,018.0	-	W	W	-	7.2	-
District of Columbia										
November 2020	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
November 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2020	-	-	-	2,893.8	-	-	-	-	33.8	-
October 2020	-	-	-	3,176.3	-	-	-	-	37.0	-
November 2019	-	-	-	3,877.1	-	-	-	-	38.7	-
New Jersey										
November 2020	W	W	W	5,674.1	W	W	W	-	18.6	-
October 2020	W	W	W	5,835.8	W	W	W	-	19.2	-
November 2019	W	W	W	6,931.3	W	W	W	W	W	-
New York										
November 2020	1,774.8	1,774.8	W	W	-	200.1	200.1	-	11.8	-
October 2020	1,885.9	1,885.9	W	W	-	208.4	208.4	-	13.8	-
November 2019	2,278.7	2,278.7	W	W	W	229.2	229.2	W	W	-
Pennsylvania										
November 2020	W	W	-	W	W	W	W	-	11.9	-
October 2020	W	W	-	W	W	W	W	-	13.6	-
November 2019	W	W	-	W	W	W	W	-	12.5	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
November 2020	2,215.1	2,224.3	4,192.3	29,471.3	2,313.5	19,040.7	19,182.8	16,852.7	233,412.9	9,447.1
October 2020	2,370.7	2,380.6	4,384.9	31,026.9	1,871.7	20,535.4	20,680.7	18,155.6	246,482.2	7,454.3
November 2019	2,335.8	2,379.9	4,423.4	29,663.4	1,604.4	23,459.6	23,859.9	20,971.4	265,111.7	13,229.6
PAD District 1										
November 2020	789.3	789.3	W	8,884.7	W	6,231.3	6,242.0	W	67,433.6	W
October 2020	831.7	831.7	W	9,190.2	W	6,589.0	6,601.0	W	70,172.1	W
November 2019	837.9	862.1	W	W	W	7,812.5	7,968.4	W	W	3,226.5
Subdistrict 1A										
November 2020	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
November 2019	W	W	W	W	-	W	W	W	W	-
Connecticut										
November 2020	-	-	-	336.4	-	-	-	-	1,963.0	-
October 2020	-	-	-	366.8	-	-	W	-	2,114.3	-
November 2019	-	-	-	436.3	-	-	W	-	2,805.6	-
Maine										
November 2020	-	-	-	W	-	-	-	-	556.5	-
October 2020	-	-	-	W	-	-	-	-	642.5	-
November 2019	-	-	-	W	-	-	-	-	684.6	-
Massachusetts										
November 2020	W	W	-	172.1	-	W	W	-	1,102.8	-
October 2020	W	W	-	193.6	-	W	W	-	1,243.3	-
November 2019	W	W	-	191.2	-	W	W	-	1,347.5	-
New Hampshire										
November 2020	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
November 2019	W	W	W	W	-	W	W	W	W	-
Rhode Island										
November 2020	W	W	-	W	-	W	W	-	787.6	-
October 2020	W	W	-	W	-	W	W	-	819.8	-
November 2019	W	W	-	W	-	W	W	-	1,027.3	-
Vermont										
November 2020	-	-	W	W	-	-	-	W	W	-
October 2020	-	-	W	W	-	-	-	W	W	-
November 2019	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
November 2020	530.4	530.4	W	W	W	3,539.9	3,539.9	W	20,641.0	W
October 2020	560.2	560.2	W	3,050.3	W	3,758.5	3,758.5	W	21,969.3	W
November 2019	547.7	547.7	W	W	W	4,420.5	4,420.5	W	24,427.3	W
Delaware										
November 2020	W	W	-	101.0	-	W	W	-	872.1	-
October 2020	W	W	-	105.8	-	W	W	-	916.9	-
November 2019	W	W	-	117.6	-	W	W	-	1,142.8	-
District of Columbia										
November 2020	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
November 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2020	-	-	-	486.4	-	-	-	-	3,414.0	-
October 2020	-	-	-	546.8	-	-	-	-	3,760.1	-
November 2019	-	-	-	627.7	-	-	-	-	4,543.5	-
New Jersey										
November 2020	W	W	W	996.5	W	W	W	W	6,689.2	W
October 2020	W	W	W	1,011.7	W	W	W	W	6,866.7	W
November 2019	W	W	W	1,055.4	W	W	W	W	W	650.1
New York										
November 2020	359.2	359.2	W	W	W	2,334.1	2,334.1	W	W	W
October 2020	376.6	376.6	W	W	W	2,470.9	2,470.9	W	W	W
November 2019	360.5	360.5	W	W	W	2,868.4	2,868.4	W	5,708.3	W
Pennsylvania										
November 2020	W	W	-	W	W	W	W	-	W	W
October 2020	W	W	-	W	W	W	W	-	W	W
November 2019	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
November 2020	W	W	-	36,691.3	-	W	W	-	312.0	-
October 2020	W	W	-	W	W	W	W	-	339.5	-
November 2019	W	W	-	W	W	W	W	-	384.6	-
Florida										
November 2020	W	W	-	12,121.5	-	W	W	-	112.8	-
October 2020	W	W	-	11,936.3	-	W	W	-	122.6	-
November 2019	W	W	-	13,880.5	-	W	W	-	125.2	-
Georgia										
November 2020	W	W	-	7,183.3	-	W	W	-	30.8	-
October 2020	W	W	-	W	W	W	W	-	34.7	-
November 2019	W	W	-	8,286.8	-	W	W	-	45.6	-
North Carolina										
November 2020	W	W	-	7,538.5	-	W	W	-	82.8	-
October 2020	W	W	-	W	W	W	W	-	91.4	-
November 2019	W	W	-	W	W	W	W	-	105.9	-
South Carolina										
November 2020	W	W	-	3,686.1	-	W	W	-	28.8	-
October 2020	W	W	-	3,907.0	-	W	W	-	33.1	-
November 2019	W	W	-	4,261.1	-	W	W	-	29.6	-
Virginia										
November 2020	-	-	-	5,362.4	-	-	-	-	51.0	-
October 2020	-	-	-	5,643.4	-	-	-	-	52.2	-
November 2019	-	W	-	W	W	-	-	-	71.9	-
West Virginia										
November 2020	W	W	-	799.5	-	W	W	-	5.7	-
October 2020	W	W	-	710.7	-	W	W	-	5.5	-
November 2019	W	W	-	733.2	-	W	W	-	6.4	-
PAD District 2										
November 2020	W	W	W	67,952.9	W	W	W	-	331.3	-
October 2020	W	W	W	72,530.5	W	W	W	-	368.2	-
November 2019	W	W	-	W	W	W	W	-	421.6	-
Illinois										
November 2020	W	W	-	W	W	W	W	-	41.1	-
October 2020	W	W	-	W	W	W	W	-	45.8	-
November 2019	W	W	-	W	W	W	W	-	56.2	-
Indiana										
November 2020	W	W	-	5,232.9	-	W	W	-	12.3	-
October 2020	W	W	-	5,539.9	-	W	W	-	13.1	-
November 2019	W	W	-	5,928.5	-	W	W	-	13.9	-
Iowa										
November 2020	-	W	-	2,816.9	-	-	-	-	44.5	-
October 2020	-	W	-	3,107.3	-	-	-	-	50.1	-
November 2019	-	-	-	3,331.7	-	-	-	-	46.8	-
Kansas										
November 2020	W	W	-	3,626.2	-	W	W	-	12.1	-
October 2020	W	W	-	3,835.8	-	W	W	-	12.6	-
November 2019	W	W	-	W	W	W	W	-	15.1	-
Kentucky										
November 2020	W	W	-	3,244.2	-	W	W	-	14.8	-
October 2020	W	W	-	3,425.4	-	W	W	-	14.7	-
November 2019	W	W	-	3,820.5	-	W	W	-	11.3	-
Michigan										
November 2020	W	W	-	8,411.2	-	W	W	-	11.1	-
October 2020	W	W	-	9,272.4	-	W	W	-	16.8	-
November 2019	W	W	-	9,951.0	-	W	W	-	11.0	-
Minnesota										
November 2020	W	W	W	W	-	W	W	-	44.4	-
October 2020	W	W	W	W	-	W	W	-	52.5	-
November 2019	W	W	-	4,904.4	-	W	37.3	-	61.3	-
Missouri										
November 2020	-	W	-	2,944.1	-	-	-	-	15.1	-
October 2020	-	W	-	3,075.5	-	-	-	-	16.8	-
November 2019	-	W	-	3,284.6	-	-	-	-	15.0	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium						All grades					
	Sales to end users			Sales for resale			Sales to end users			Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk		
Subdistrict 1C												
November 2020	W	W	-	W	W	W	W	-	W	W		
October 2020	W	W	-	W	W	W	W	-	W	W		
November 2019	W	W	-	W	W	W	W	-	W	W		
Florida												
November 2020	W	W	-	W	W	W	W	-	W	W		
October 2020	W	W	-	1,896.2	-	W	W	-	13,955.1	-		
November 2019	W	W	-	W	W	W	W	-	W	W		
Georgia												
November 2020	W	W	-	1,024.6	-	W	W	-	8,238.7	-		
October 2020	W	W	-	1,046.8	-	W	W	-	W	W		
November 2019	W	W	-	1,021.5	-	W	W	-	9,353.9	-		
North Carolina												
November 2020	W	W	-	1,045.2	-	W	W	-	8,666.6	-		
October 2020	W	W	-	1,079.2	-	W	W	-	W	W		
November 2019	W	W	-	1,048.1	-	W	W	-	W	W		
South Carolina												
November 2020	W	W	-	438.2	-	W	W	-	4,153.1	-		
October 2020	W	W	-	467.8	-	W	W	-	4,407.9	-		
November 2019	W	W	-	423.7	-	W	W	-	4,714.4	-		
Virginia												
November 2020	-	-	-	808.5	-	-	-	-	6,221.8	-		
October 2020	-	-	-	839.8	-	-	-	-	6,535.4	-		
November 2019	-	W	-	901.4	-	-	W	-	W	W		
West Virginia												
November 2020	W	W	-	43.7	-	W	W	-	849.0	-		
October 2020	W	W	-	W	W	W	W	-	W	W		
November 2019	W	W	-	W	W	W	W	-	W	W		
PAD District 2												
November 2020	W	W	W	6,661.9	W	W	W	W	74,946.1	W		
October 2020	W	W	W	7,235.6	W	W	W	W	80,134.3	W		
November 2019	W	W	-	W	W	W	W	-	85,284.6	497.2		
Illinois												
November 2020	W	W	-	1,092.0	-	W	W	-	W	W		
October 2020	W	W	-	1,176.4	-	W	W	-	W	W		
November 2019	W	W	-	1,194.8	-	W	W	-	W	W		
Indiana												
November 2020	W	W	-	441.8	-	W	W	-	5,687.0	-		
October 2020	W	W	-	W	W	W	W	-	W	W		
November 2019	W	W	-	428.0	-	W	W	-	6,370.4	-		
Iowa												
November 2020	-	-	-	290.1	-	-	W	-	3,151.5	-		
October 2020	-	-	-	331.6	-	-	W	-	3,488.9	-		
November 2019	-	-	-	269.9	-	-	-	-	3,648.5	-		
Kansas												
November 2020	-	-	-	W	W	W	W	-	W	W		
October 2020	-	-	-	376.3	112.5	W	W	-	4,224.7	112.5		
November 2019	-	-	-	W	W	W	W	-	W	W		
Kentucky												
November 2020	W	W	-	241.6	-	W	W	-	3,500.6	-		
October 2020	W	W	-	255.1	-	W	W	-	3,695.2	-		
November 2019	W	W	-	238.2	-	W	W	-	4,069.9	-		
Michigan												
November 2020	W	W	-	633.1	-	W	W	-	9,055.4	-		
October 2020	W	W	-	714.8	-	W	W	-	10,004.1	-		
November 2019	W	W	-	W	W	W	W	-	W	W		
Minnesota												
November 2020	W	W	W	W	W	W	W	W	4,474.5	W		
October 2020	W	W	W	W	W	W	W	W	5,212.8	W		
November 2019	W	W	-	W	W	W	W	-	W	W		
Missouri												
November 2020	-	-	-	288.4	-	-	W	-	3,247.6	-		
October 2020	-	-	-	312.2	-	-	W	-	3,404.4	-		
November 2019	-	-	-	W	W	-	W	-	W	W		

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
PAD District 2 (cont.)									
Nebraska									
November 2020	W	W	-	1,310.7	-	W	W	-	12.2
October 2020	W	W	-	1,443.4	-	W	W	-	11.1
November 2019	W	W	-	1,573.6	-	W	W	-	16.7
North Dakota									
November 2020	W	W	-	692.7	-	W	W	-	12.8
October 2020	W	W	-	758.6	-	W	W	-	15.1
November 2019	W	W	-	852.7	-	W	W	-	16.2
Ohio									
November 2020	W	W	-	9,038.5	-	W	W	-	19.6
October 2020	W	W	-	9,438.9	-	W	W	-	22.5
November 2019	W	W	-	10,173.3	-	W	W	-	25.9
Oklahoma									
November 2020	W	W	-	W	W	W	W	-	1.5
October 2020	W	W	-	3,848.8	-	W	W	-	0.8
November 2019	W	W	-	3,939.1	-	W	W	-	6.5
South Dakota									
November 2020	W	W	-	796.2	-	W	W	-	11.8
October 2020	W	W	-	911.8	-	W	W	-	12.7
November 2019	W	W	-	1,054.3	-	W	W	-	14.7
Tennessee									
November 2020	W	W	-	8,151.4	-	W	W	-	47.6
October 2020	W	W	-	8,402.6	-	W	W	-	47.8
November 2019	W	W	-	8,992.0	-	W	W	-	74.7
Wisconsin									
November 2020	W	W	-	4,810.1	-	W	W	-	30.3
October 2020	W	W	-	5,114.6	-	W	W	-	35.7
November 2019	W	W	-	5,370.0	-	W	W	-	36.4
PAD District 3									
November 2020	672.4	683.6	63.9	44,787.6	4,218.2	66.0	66.2	-	186.8
October 2020	801.4	813.3	180.7	46,942.2	2,341.1	76.3	76.4	-	210.2
November 2019	903.4	945.7	W	49,515.0	W	83.2	83.3	W	W
Alabama									
November 2020	W	W	-	4,562.5	-	W	W	-	20.7
October 2020	W	W	-	4,795.8	-	W	W	-	22.2
November 2019	W	W	-	5,097.6	-	W	W	-	31.3
Arkansas									
November 2020	-	-	-	2,882.9	-	-	-	-	11.9
October 2020	-	-	-	2,905.0	-	-	-	-	12.2
November 2019	-	-	-	3,029.7	-	-	-	-	13.4
Louisiana									
November 2020	-	W	-	W	W	-	-	-	9.0
October 2020	-	W	-	5,609.7	1,243.4	-	-	-	10.3
November 2019	-	W	-	W	W	-	-	-	10.0
Mississippi									
November 2020	-	-	-	W	W	-	-	-	16.3
October 2020	-	-	-	2,608.4	-	-	-	-	19.9
November 2019	-	-	-	W	W	-	-	-	17.8
New Mexico									
November 2020	284.1	287.4	W	W	-	38.0	38.0	-	6.9
October 2020	327.5	331.3	W	W	-	44.8	44.8	-	7.6
November 2019	W	389.3	W	W	-	W	W	W	W
Texas									
November 2020	W	W	W	28,539.0	W	W	W	-	121.9
October 2020	W	W	W	W	1,097.7	W	W	-	138.0
November 2019	512.3	514.0	10.8	31,718.4	3,494.5	37.7	37.9	-	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
November 2020	-	-	-	156.1	-	W	W	-	1,479.0	-
October 2020	-	-	-	168.5	-	W	W	-	1,622.9	-
November 2019	-	-	-	154.0	-	W	W	-	1,744.3	-
North Dakota										
November 2020	W	W	-	91.1	-	W	W	-	796.7	-
October 2020	W	W	-	102.6	-	W	W	-	876.4	-
November 2019	W	W	-	90.3	-	W	W	-	959.1	-
Ohio										
November 2020	W	W	-	733.2	-	W	W	-	9,791.3	-
October 2020	W	W	-	W	W	W	W	-	W	W
November 2019	W	W	-	W	W	W	W	-	W	W
Oklahoma										
November 2020	W	W	-	W	W	W	W	-	4,238.0	408.1
October 2020	W	W	-	471.3	315.0	W	W	-	4,320.9	315.0
November 2019	W	W	-	412.9	168.4	W	W	-	4,358.5	168.4
South Dakota										
November 2020	W	W	-	94.6	-	W	W	-	902.6	-
October 2020	W	W	-	102.5	-	W	W	-	1,027.0	-
November 2019	W	W	-	99.7	-	W	W	-	1,168.8	-
Tennessee										
November 2020	W	W	-	878.9	-	W	W	-	9,077.9	-
October 2020	W	W	-	913.0	-	W	W	-	9,363.4	-
November 2019	W	W	-	851.6	-	W	W	-	9,918.3	-
Wisconsin										
November 2020	W	W	-	462.9	-	W	W	-	5,303.3	-
October 2020	W	W	-	493.1	-	W	W	-	5,643.5	-
November 2019	W	W	-	433.0	-	W	W	-	5,839.5	-
PAD District 3										
November 2020	69.8	73.6	13.1	5,745.0	1,310.8	808.1	823.4	77.0	50,719.4	5,529.0
October 2020	79.1	83.0	35.7	5,834.2	1,002.7	956.7	972.6	216.4	52,986.6	3,343.7
November 2019	79.1	88.7	W	W	W	1,065.7	1,117.7	230.3	55,260.0	8,040.4
Alabama										
November 2020	W	4.5	-	471.8	-	W	W	-	5,055.0	-
October 2020	W	W	-	482.9	-	W	W	-	5,300.8	-
November 2019	W	W	-	465.1	-	W	W	-	5,594.0	-
Arkansas										
November 2020	-	-	-	296.7	-	-	-	-	3,191.5	-
October 2020	-	-	-	306.2	-	-	-	-	3,223.4	-
November 2019	-	-	-	256.3	-	-	-	-	3,299.3	-
Louisiana										
November 2020	-	-	-	W	W	-	W	-	W	W
October 2020	-	-	-	W	W	-	W	-	W	W
November 2019	-	-	-	W	W	-	W	-	W	W
Mississippi										
November 2020	-	-	-	253.2	-	-	-	-	W	W
October 2020	-	-	-	W	W	-	-	-	W	W
November 2019	-	-	-	217.7	-	-	-	-	W	W
New Mexico										
November 2020	35.1	35.7	W	W	-	357.3	361.1	W	W	-
October 2020	40.4	40.9	W	W	-	412.7	417.0	W	W	-
November 2019	W	W	W	W	-	W	470.9	W	W	-
Texas										
November 2020	W	33.4	W	3,916.4	W	W	W	W	32,577.3	W
October 2020	W	W	W	W	W	W	W	W	34,011.6	W
November 2019	42.8	42.9	W	W	W	592.8	594.8	W	35,702.4	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
November 2020	W	W	W	W	-	W	W	-	82.5	-
October 2020	W	W	W	W	-	W	W	-	95.9	-
November 2019	W	W	W	W	-	W	W	-	105.8	-
Colorado										
November 2020	124.4	128.1	W	W	-	W	W	-	21.3	-
October 2020	140.7	144.1	W	W	-	39.4	40.3	-	23.4	-
November 2019	W	131.6	W	W	-	38.8	39.3	-	29.4	-
Idaho										
November 2020	W	W	-	1,251.3	-	W	W	-	3.2	-
October 2020	W	W	-	1,428.8	-	W	W	-	4.1	-
November 2019	W	W	-	1,322.4	-	W	W	-	5.7	-
Montana										
November 2020	W	W	-	1,048.9	-	W	W	-	6.4	-
October 2020	W	W	-	1,182.8	-	W	W	-	6.3	-
November 2019	W	W	-	1,186.2	-	W	W	-	7.0	-
Utah										
November 2020	W	W	W	W	-	W	10.2	-	45.0	-
October 2020	W	W	W	W	-	W	11.6	-	57.0	-
November 2019	W	W	W	W	-	W	11.9	-	53.3	-
Wyoming										
November 2020	W	6.6	-	551.3	-	W	W	-	6.5	-
October 2020	W	7.7	-	571.2	-	W	W	-	5.1	-
November 2019	W	8.4	-	726.9	-	W	W	-	10.5	-
PAD District 5										
November 2020	3,157.5	3,185.2	11,492.4	W	W	487.3	487.8	107.1	160.2	-
October 2020	3,390.1	3,419.2	12,398.3	W	W	517.8	518.4	110.2	176.8	-
November 2019	4,022.7	4,081.3	14,908.7	W	W	539.0	539.9	W	W	-
Alaska										
November 2020	W	W	W	355.0	-	W	W	W	W	-
October 2020	W	W	W	387.0	-	W	W	W	W	-
November 2019	W	W	W	365.7	W	W	W	W	W	-
Arizona										
November 2020	W	W	669.9	3,869.3	-	W	W	W	W	-
October 2020	W	W	1,107.8	3,475.9	-	W	W	W	W	-
November 2019	W	W	1,337.0	3,939.1	-	W	W	W	W	-
California										
November 2020	2,289.4	2,289.9	8,920.3	11,205.3	-	419.0	419.0	W	W	-
October 2020	2,451.4	2,452.2	9,266.2	11,891.5	-	444.5	444.6	W	W	-
November 2019	2,910.9	2,912.2	11,058.2	W	W	463.0	463.1	W	W	-
Hawaii										
November 2020	W	W	W	W	W	W	W	W	W	-
October 2020	W	W	W	W	W	W	W	W	W	-
November 2019	W	W	W	W	W	W	W	W	W	-
Nevada										
November 2020	130.6	131.8	W	W	-	W	W	W	W	-
October 2020	NA	NA	W	W	-	NA	NA	W	W	-
November 2019	W	W	W	W	-	W	W	W	W	-
Oregon										
November 2020	63.3	63.3	540.8	2,625.3	-	4.5	4.5	2.3	4.2	-
October 2020	69.3	69.3	585.2	2,818.4	-	5.0	5.0	2.5	4.1	-
November 2019	80.1	80.1	695.1	3,113.1	-	5.4	5.4	2.8	6.0	-
Washington										
November 2020	241.6	245.1	690.3	3,898.4	-	25.5	25.7	W	W	-
October 2020	265.1	270.4	737.5	4,336.3	-	27.4	27.6	W	W	-
November 2019	343.9	348.4	W	4,944.2	W	29.8	29.9	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
November 2020	W	W	W	W	-	W	W	W	W	-
October 2020	W	W	W	W	-	W	W	W	W	-
November 2019	W	W	W	W	-	W	W	W	W	-
Colorado										
November 2020	W	W	W	W	-	187.8	191.8	W	W	-
October 2020	34.7	34.8	W	W	-	214.8	219.1	W	W	-
November 2019	W	29.7	W	W	-	196.7	200.6	W	W	-
Idaho										
November 2020	W	W	-	266.2	-	W	W	-	1,520.8	-
October 2020	W	W	-	309.0	-	W	W	-	1,741.8	-
November 2019	W	W	-	228.5	-	W	W	-	1,556.6	-
Montana										
November 2020	W	W	-	239.6	-	W	W	-	1,294.9	-
October 2020	W	W	-	255.4	-	W	W	-	1,444.5	-
November 2019	W	W	-	225.3	-	W	W	-	1,418.4	-
Utah										
November 2020	W	W	W	W	-	W	60.3	W	W	-
October 2020	W	W	W	W	-	W	68.5	W	W	-
November 2019	W	W	W	W	-	W	W	W	W	-
Wyoming										
November 2020	W	W	-	112.1	-	W	8.5	-	669.9	-
October 2020	W	W	-	138.8	-	W	10.2	-	715.2	-
November 2019	W	W	-	131.0	-	W	10.5	-	868.4	-
PAD District 5										
November 2020	885.3	887.0	3,847.2	W	W	4,530.1	4,560.0	15,446.7	W	W
October 2020	938.4	940.0	4,000.7	W	W	4,846.3	4,877.6	16,509.2	W	W
November 2019	932.9	939.0	W	W	W	5,494.7	5,560.2	19,093.6	33,832.7	1,465.5
Alaska										
November 2020	W	W	W	W	-	W	W	W	407.2	-
October 2020	W	W	W	W	-	W	W	W	441.3	-
November 2019	W	W	W	28.9	W	W	W	W	W	W
Arizona										
November 2020	W	W	W	W	-	W	W	794.3	4,475.5	-
October 2020	W	W	W	W	-	W	W	1,265.3	4,100.7	-
November 2019	W	W	151.0	W	W	W	W	W	4,560.3	W
California										
November 2020	748.1	748.1	3,188.3	W	W	3,456.4	3,457.0	W	14,963.5	W
October 2020	790.9	790.9	3,279.1	W	W	3,686.7	3,687.7	W	15,801.6	W
November 2019	783.2	783.2	3,262.8	3,667.5	249.4	4,157.1	4,158.5	W	17,506.4	W
Hawaii										
November 2020	W	W	W	W	W	W	W	W	W	W
October 2020	W	W	W	W	W	W	W	W	W	W
November 2019	W	W	W	W	W	W	W	W	W	W
Nevada										
November 2020	W	W	W	W	-	170.1	171.3	W	W	-
October 2020	NA	NA	W	W	-	NA	NA	W	W	-
November 2019	W	W	W	337.9	W	W	W	W	1,773.1	W
Oregon										
November 2020	10.7	10.7	105.9	383.3	-	78.5	78.5	649.0	3,012.9	-
October 2020	11.9	11.9	116.2	408.8	-	86.2	86.2	703.9	3,231.3	-
November 2019	12.8	12.8	119.7	386.2	-	98.3	98.3	817.6	3,505.4	-
Washington										
November 2020	37.8	38.0	180.0	W	W	304.9	308.8	W	4,797.8	W
October 2020	41.8	42.0	190.7	W	W	334.4	340.0	W	5,314.4	W
November 2019	45.3	45.5	217.0	W	W	419.0	423.8	W	5,909.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
United States					
November 2020	11,878.4		12,003.1	3,012.3	168,528.4
October 2020	12,901.8		13,028.9	W	178,697.2
November 2019	14,658.2		14,984.1	4,072.5	187,745.9
PAD District 1					
November 2020	W		W	W	45,231.4
October 2020	W		W	W	46,811.0
November 2019	W		W	W	50,605.5
Subdistrict 1A					
November 2020	-		-	W	W
October 2020	-		-	W	W
November 2019	-		-	W	W
Connecticut					
November 2020	-		-	-	-
October 2020	-		-	-	-
November 2019	-		-	-	-
Maine					
November 2020	-		-	-	W
October 2020	-		-	-	W
November 2019	-		-	-	W
Massachusetts					
November 2020	-		-	-	-
October 2020	-		-	-	-
November 2019	-		-	-	-
New Hampshire					
November 2020	-		-	W	-
October 2020	-		-	W	-
November 2019	-		-	W	-
Rhode Island					
November 2020	-		-	-	-
October 2020	-		-	-	-
November 2019	-		-	-	-
Vermont					
November 2020	-		-	W	W
October 2020	-		-	W	W
November 2019	-		-	W	W
Subdistrict 1B					
November 2020	W		W	W	6,045.0
October 2020	W		W	W	6,689.9
November 2019	W		W	W	W
Delaware					
November 2020	-		-	-	-
October 2020	-		-	-	-
November 2019	-		-	-	-
District of Columbia					
November 2020	-		-	-	-
October 2020	-		-	-	-
November 2019	-		-	-	-
Maryland					
November 2020	-		-	-	W
October 2020	-		-	-	W
November 2019	-		-	-	W
New Jersey					
November 2020	-		-	-	W
October 2020	-		-	-	W
November 2019	-		-	-	W
New York					
November 2020	W		W	W	W
October 2020	W		W	W	W
November 2019	W		W	W	W
Pennsylvania					
November 2020	W		W	-	W
October 2020	W		W	-	W
November 2019	W		W	-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated					
	Sales to end users		Total[a]	Sales for resale		
	Through retail outlets	Total		DTW	Rack	Bulk
United States						
November 2020	7,162.4		7,179.7	13,840.3	64,884.6	2,689.4
October 2020	7,633.5		7,651.8	W	67,785.0	W
November 2019	8,801.4		8,875.8	16,899.0	77,365.8	1,838.7
PAD District 1						
November 2020	W	W	W	W	22,202.1	W
October 2020	W	W	W	W	23,361.1	W
November 2019	W	W	W	W	W	W
Subdistrict 1A						
November 2020	W	W	W	-	4,160.2	-
October 2020	W	W	W	-	4,517.2	-
November 2019	W	W	W	-	5,546.6	-
Connecticut						
November 2020	-	-	-	-	1,963.0	-
October 2020	-	W	-	-	2,114.3	-
November 2019	-	W	-	-	2,805.6	-
Maine						
November 2020	-	-	-	-	W	-
October 2020	-	-	-	-	W	-
November 2019	-	-	-	-	W	-
Massachusetts						
November 2020	W	W	W	-	1,102.8	-
October 2020	W	W	W	-	1,243.3	-
November 2019	W	W	W	-	1,347.5	-
New Hampshire						
November 2020	W	W	W	-	W	-
October 2020	W	W	W	-	W	-
November 2019	W	W	W	-	W	-
Rhode Island						
November 2020	W	W	W	-	W	-
October 2020	W	W	W	-	W	-
November 2019	W	W	W	-	W	-
Vermont						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Subdistrict 1B						
November 2020	W	W	W	W	14,596.0	W
October 2020	W	W	W	W	15,279.5	W
November 2019	W	W	W	W	W	W
Delaware						
November 2020	W	W	W	-	872.1	-
October 2020	W	W	W	-	916.9	-
November 2019	W	W	W	-	1,142.8	-
District of Columbia						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Maryland						
November 2020	-	-	-	-	W	-
October 2020	-	-	-	-	W	-
November 2019	-	-	-	-	W	-
New Jersey						
November 2020	W	W	W	W	6,689.2	W
October 2020	W	W	W	W	6,866.7	W
November 2019	W	W	W	W	W	W
New York						
November 2020	W	W	W	W	W	-
October 2020	W	W	W	W	W	-
November 2019	W	W	W	W	W	W
Pennsylvania						
November 2020	W	W	W	-	W	W
October 2020	W	W	W	-	W	W
November 2019	W	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets	Total[a]		Rack	Bulk
United States					
November 2020	19,040.7	19,182.8	16,852.7	233,412.9	9,447.1
October 2020	20,535.4	20,680.7	18,155.6	246,482.2	7,454.3
November 2019	23,459.6	23,859.9	20,971.4	265,111.7	13,229.6
PAD District 1					
November 2020	6,231.3	6,242.0	W	67,433.6	W
October 2020	6,589.0	6,601.0	W	70,172.1	W
November 2019	7,812.5	7,968.4	W		3,226.5
Subdistrict 1A					
November 2020	W	W	W	W	-
October 2020	W	W	W	W	-
November 2019	W	W	W	W	-
Connecticut					
November 2020	-	-	-	1,963.0	-
October 2020	-	W	-	2,114.3	-
November 2019	-	W	-	2,805.6	-
Maine					
November 2020	-	-	-	556.5	-
October 2020	-	-	-	642.5	-
November 2019	-	-	-	684.6	-
Massachusetts					
November 2020	W	W	-	1,102.8	-
October 2020	W	W	-	1,243.3	-
November 2019	W	W	-	1,347.5	-
New Hampshire					
November 2020	W	W	W	W	-
October 2020	W	W	W	W	-
November 2019	W	W	W	W	-
Rhode Island					
November 2020	W	W	-	787.6	-
October 2020	W	W	-	819.8	-
November 2019	W	W	-	1,027.3	-
Vermont					
November 2020	-	-	W	W	-
October 2020	-	-	W	W	-
November 2019	-	-	W	W	-
Subdistrict 1B					
November 2020	3,539.9	3,539.9	W	20,641.0	W
October 2020	3,758.5	3,758.5	W	21,969.3	W
November 2019	4,420.5	4,420.5	W	24,427.3	W
Delaware					
November 2020	W	W	-	872.1	-
October 2020	W	W	-	916.9	-
November 2019	W	W	-	1,142.8	-
District of Columbia					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Maryland					
November 2020	-	-	-	3,414.0	-
October 2020	-	-	-	3,760.1	-
November 2019	-	-	-	4,543.5	-
New Jersey					
November 2020	W	W	W	6,689.2	W
October 2020	W	W	W	6,866.7	W
November 2019	W	W	W	W	650.1
New York					
November 2020	2,334.1	2,334.1	W	W	W
October 2020	2,470.9	2,470.9	W	W	W
November 2019	2,868.4	2,868.4	W	5,708.3	W
Pennsylvania					
November 2020	W	W	-	W	W
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional					
	Sales to end users		Total[a]	Sales for resale		
	Through retail outlets	Total		DTW	Rack	Bulk
Subdistrict 1C						
November 2020	W	W	-	W	W	W
October 2020	W	W	-	W	W	W
November 2019	W	W	-	W	W	W
Florida						
November 2020	W	W	-	W	W	W
October 2020	W	W	-	13,955.1	-	-
November 2019	W	W	-	W	W	W
Georgia						
November 2020	W	W	-	8,238.7	-	-
October 2020	W	W	-	W	W	W
November 2019	W	W	-	9,353.9	-	-
North Carolina						
November 2020	W	W	-	8,666.6	-	-
October 2020	W	W	-	W	W	W
November 2019	W	W	-	W	W	W
South Carolina						
November 2020	W	W	-	4,153.1	-	-
October 2020	W	W	-	4,407.9	-	-
November 2019	W	W	-	4,714.4	-	-
Virginia						
November 2020	-	-	-	2,775.9	-	-
October 2020	-	-	-	2,971.0	-	-
November 2019	-	-	-	W	W	W
West Virginia						
November 2020	W	W	-	849.0	-	-
October 2020	W	W	-	W	W	W
November 2019	W	W	-	W	W	W
PAD District 2						
November 2020	W	W	W	W	W	W
October 2020	W	W	W	W	W	W
November 2019	W	W	-	W	W	W
Illinois						
November 2020	W	W	-	3,468.1	-	-
October 2020	W	W	-	3,675.0	-	-
November 2019	W	W	-	3,855.8	-	-
Indiana						
November 2020	W	W	-	4,811.0	-	-
October 2020	W	W	-	W	W	W
November 2019	W	W	-	5,356.5	-	-
Iowa						
November 2020	-	W	-	3,151.5	-	-
October 2020	-	W	-	3,488.9	-	-
November 2019	-	-	-	3,648.5	-	-
Kansas						
November 2020	W	W	-	W	W	W
October 2020	W	W	-	4,224.7	-	112.5
November 2019	W	W	-	W	W	W
Kentucky						
November 2020	W	W	-	2,809.9	-	-
October 2020	W	W	-	2,977.6	-	-
November 2019	W	W	-	3,269.4	-	-
Michigan						
November 2020	W	W	-	9,055.4	-	-
October 2020	W	W	-	10,004.1	-	-
November 2019	W	W	-	W	W	W
Minnesota						
November 2020	W	W	W	4,474.5	-	W
October 2020	W	W	W	5,212.8	-	W
November 2019	W	W	-	W	W	W
Missouri						
November 2020	-	W	-	2,816.3	-	-
October 2020	-	W	-	2,907.2	-	-
November 2019	-	W	-	2,952.6	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated			Sales for resale	Bulk
	Sales to end users		Total[a]		
	Through retail outlets				
Subdistrict 1C					
November 2020	-	-	-	3,445.9	-
October 2020	-	-	-	3,564.4	-
November 2019	-	W	-	4,284.9	-
Florida					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Georgia					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
North Carolina					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
South Carolina					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Virginia					
November 2020	-	-	-	3,445.9	-
October 2020	-	-	-	3,564.4	-
November 2019	-	W	-	4,284.9	-
West Virginia					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
PAD District 2					
November 2020	W	W	-	W	W
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Illinois					
November 2020	W	W	-	W	W
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Indiana					
November 2020	W	W	-	875.9	-
October 2020	W	W	-	912.4	-
November 2019	W	W	-	1,013.9	-
Iowa					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Kansas					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Kentucky					
November 2020	W	W	-	690.7	-
October 2020	W	W	-	717.6	-
November 2019	W	W	-	800.5	-
Michigan					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Minnesota					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Missouri					
November 2020	-	-	-	431.2	-
October 2020	-	-	-	497.3	-
November 2019	-	-	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
Subdistrict 1C					
November 2020	W	W	-	W	W
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Florida					
November 2020	W	W	-	W	W
October 2020	W	W	-	13,955.1	-
November 2019	W	W	-	W	W
Georgia					
November 2020	W	W	-	8,238.7	-
October 2020	W	W	-	W	W
November 2019	W	W	-	9,353.9	-
North Carolina					
November 2020	W	W	-	8,666.6	-
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
South Carolina					
November 2020	W	W	-	4,153.1	-
October 2020	W	W	-	4,407.9	-
November 2019	W	W	-	4,714.4	-
Virginia					
November 2020	-	-	-	6,221.8	-
October 2020	-	-	-	6,535.4	-
November 2019	-	W	-	W	W
West Virginia					
November 2020	W	W	-	849.0	-
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
PAD District 2					
November 2020	W	W	W	74,946.1	W
October 2020	W	W	W	80,134.3	W
November 2019	W	W	-	85,284.6	497.2
Illinois					
November 2020	W	W	-	W	W
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Indiana					
November 2020	W	W	-	5,687.0	-
October 2020	W	W	-	W	W
November 2019	W	W	-	6,370.4	-
Iowa					
November 2020	-	W	-	3,151.5	-
October 2020	-	W	-	3,488.9	-
November 2019	-	-	-	3,648.5	-
Kansas					
November 2020	W	W	-	W	W
October 2020	W	W	-	4,224.7	112.5
November 2019	W	W	-	W	W
Kentucky					
November 2020	W	W	-	3,500.6	-
October 2020	W	W	-	3,695.2	-
November 2019	W	W	-	4,069.9	-
Michigan					
November 2020	W	W	-	9,055.4	-
October 2020	W	W	-	10,004.1	-
November 2019	W	W	-	W	W
Minnesota					
November 2020	W	W	W	4,474.5	W
October 2020	W	W	W	5,212.8	W
November 2019	W	W	-	W	W
Missouri					
November 2020	-	W	-	3,247.6	-
October 2020	-	W	-	3,404.4	-
November 2019	-	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
November 2020	W	W	-	1,479.0	-
October 2020	W	W	-	1,622.9	-
November 2019	W	W	-	1,744.3	-
North Dakota					
November 2020	W	W	-	796.7	-
October 2020	W	W	-	876.4	-
November 2019	W	W	-	959.1	-
Ohio					
November 2020	W	W	-	9,791.3	-
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Oklahoma					
November 2020	W	W	-	4,238.0	408.1
October 2020	W	W	-	4,320.9	315.0
November 2019	W	W	-	4,358.5	168.4
South Dakota					
November 2020	W	W	-	902.6	-
October 2020	W	W	-	1,027.0	-
November 2019	W	W	-	1,168.8	-
Tennessee					
November 2020	W	W	-	9,077.9	-
October 2020	W	W	-	9,363.4	-
November 2019	W	W	-	9,918.3	-
Wisconsin					
November 2020	W	W	-	3,796.6	-
October 2020	W	W	-	4,034.6	-
November 2019	W	W	-	4,047.4	-
PAD District 3					
Alabama					
November 2020	W	W	77.0	W	W
October 2020	W	W	216.4	W	W
November 2019	W	W	230.3	W	W
Arkansas					
November 2020	-	-	-	3,191.5	-
October 2020	-	-	-	3,223.4	-
November 2019	-	-	-	3,299.3	-
Louisiana					
November 2020	-	W	-	W	W
October 2020	-	W	-	W	W
November 2019	-	W	-	W	W
Mississippi					
November 2020	-	-	-	W	W
October 2020	-	-	-	W	W
November 2019	-	-	-	W	W
New Mexico					
November 2020	357.3	361.1	W	W	-
October 2020	412.7	417.0	W	W	-
November 2019	W	470.9	W	W	-
Texas					
November 2020	W	W	W	17,790.6	1,784.5
October 2020	W	W	W	18,788.1	1,278.3
November 2019	W	W	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated					
	Sales to end users		Total[a]	DTW	Rack	Bulk
	Through retail outlets	Total				
PAD District 2 (cont.)						
Nebraska						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
North Dakota						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Ohio						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Oklahoma						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
South Dakota						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Tennessee						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Wisconsin						
November 2020	W	W	-	1,506.7	-	-
October 2020	W	W	-	1,608.9	-	-
November 2019	W	W	-	1,792.1	-	-
PAD District 3						
Alabama						
November 2020	W	W	-	W	W	W
October 2020	W	W	-	W	W	W
November 2019	W	W	-	W	W	W
Arkansas						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Louisiana						
November 2020	-	-	-	-	W	-
October 2020	-	-	-	-	W	-
November 2019	-	-	-	-	W	-
Mississippi						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
New Mexico						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Texas						
November 2020	W	W	-	14,786.7	W	W
October 2020	W	W	-	15,223.6	W	W
November 2019	W	W	-	W	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
PAD District 2 (cont.)					
Nebraska					
November 2020	W	W	-	1,479.0	-
October 2020	W	W	-	1,622.9	-
November 2019	W	W	-	1,744.3	-
North Dakota					
November 2020	W	W	-	796.7	-
October 2020	W	W	-	876.4	-
November 2019	W	W	-	959.1	-
Ohio					
November 2020	W	W	-	9,791.3	-
October 2020	W	W	-	W	W
November 2019	W	W	-	W	W
Oklahoma					
November 2020	W	W	-	4,238.0	408.1
October 2020	W	W	-	4,320.9	315.0
November 2019	W	W	-	4,358.5	168.4
South Dakota					
November 2020	W	W	-	902.6	-
October 2020	W	W	-	1,027.0	-
November 2019	W	W	-	1,168.8	-
Tennessee					
November 2020	W	W	-	9,077.9	-
October 2020	W	W	-	9,363.4	-
November 2019	W	W	-	9,918.3	-
Wisconsin					
November 2020	W	W	-	5,303.3	-
October 2020	W	W	-	5,643.5	-
November 2019	W	W	-	5,839.5	-
PAD District 3					
November 2020	808.1	823.4	77.0	50,719.4	5,529.0
October 2020	956.7	972.6	216.4	52,986.6	3,343.7
November 2019	1,065.7	1,117.7	230.3	55,260.0	8,040.4
Alabama					
November 2020	W	W	-	5,055.0	-
October 2020	W	W	-	5,300.8	-
November 2019	W	W	-	5,594.0	-
Arkansas					
November 2020	-	-	-	3,191.5	-
October 2020	-	-	-	3,223.4	-
November 2019	-	-	-	3,299.3	-
Louisiana					
November 2020	-	W	-	W	W
October 2020	-	W	-	W	W
November 2019	-	W	-	W	W
Mississippi					
November 2020	-	-	-	W	W
October 2020	-	-	-	W	W
November 2019	-	-	-	W	W
New Mexico					
November 2020	357.3	361.1	W	W	-
October 2020	412.7	417.0	W	W	-
November 2019	W	470.9	W	W	-
Texas					
November 2020	W	W	W	32,577.3	W
October 2020	W	W	W	34,011.6	W
November 2019	592.8	594.8	W	35,702.4	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
PAD District 4					
November 2020	W	W	W	W	W
October 2020	W	W	W	W	W
November 2019	W	W	W	W	W
Colorado					
November 2020	187.8	191.8	W	W	W
October 2020	214.8	219.1	W	W	W
November 2019	196.7	200.6	W	W	W
Idaho					
November 2020	W	W	-	1,520.8	W
October 2020	W	W	-	1,741.8	W
November 2019	W	W	-	1,556.6	W
Montana					
November 2020	W	W	-	1,294.9	W
October 2020	W	W	-	1,444.5	W
November 2019	W	W	-	1,418.4	W
Utah					
November 2020	W	60.3	W	W	W
October 2020	W	68.5	W	W	W
November 2019	W	W	W	W	W
Wyoming					
November 2020	W	8.5	-	669.9	W
October 2020	W	10.2	-	715.2	W
November 2019	W	10.5	-	868.4	W
PAD District 5					
November 2020	1,073.7	1,102.1	W	W	W
October 2020	1,159.6	1,189.2	W	W	W
November 2019	1,337.6	1,400.9	W	W	W
Alaska					
November 2020	W	W	W	407.2	W
October 2020	W	W	W	441.3	W
November 2019	W	W	W	W	W
Arizona					
November 2020	W	W	W	1,788.4	W
October 2020	W	W	W	1,722.5	W
November 2019	W	W	W	1,686.5	W
California					
November 2020	-	-	-	W	W
October 2020	-	-	-	W	W
November 2019	-	-	-	W	W
Hawaii					
November 2020	W	W	W	W	W
October 2020	W	W	W	W	W
November 2019	W	W	W	W	W
Nevada					
November 2020	170.1	171.3	W	W	W
October 2020	NA	NA	W	W	W
November 2019	W	W	W	1,773.1	W
Oregon					
November 2020	78.5	78.5	649.0	3,012.9	W
October 2020	86.2	86.2	703.9	3,231.3	W
November 2019	98.3	98.3	817.6	3,505.4	W
Washington					
November 2020	304.9	308.8	W	4,797.8	W
October 2020	334.4	340.0	W	5,314.4	W
November 2019	419.0	423.8	W	5,909.1	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated		Sales for resale		
	Sales to end users	Total[a]	DTW	Rack	Bulk
Through retail outlets					
PAD District 4					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Colorado					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Idaho					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Montana					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Utah					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Wyoming					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
PAD District 5					
November 2020	3,456.4	3,457.9	W	W	-
October 2020	3,686.7	3,688.5	W	W	-
November 2019	4,157.1	4,159.3	W	W	W
Alaska					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Arizona					
November 2020	-	W	W	2,687.2	-
October 2020	-	W	W	2,378.2	-
November 2019	-	W	W	2,873.8	W
California					
November 2020	3,456.4	W	W	W	-
October 2020	3,686.7	W	W	W	-
November 2019	4,157.1	W	W	W	W
Hawaii					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Nevada					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Oregon					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-
Washington					
November 2020	-	-	-	-	-
October 2020	-	-	-	-	-
November 2019	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
PAD District 4					
November 2020	W	W	W	W	W
October 2020	W	W	W	W	W
November 2019	W	W	W	W	W
Colorado					
November 2020	187.8	191.8	W	W	W
October 2020	214.8	219.1	W	W	W
November 2019	196.7	200.6	W	W	W
Idaho					
November 2020	W	W	-	1,520.8	W
October 2020	W	W	-	1,741.8	W
November 2019	W	W	-	1,556.6	W
Montana					
November 2020	W	W	-	1,294.9	W
October 2020	W	W	-	1,444.5	W
November 2019	W	W	-	1,418.4	W
Utah					
November 2020	W	60.3	W	W	W
October 2020	W	68.5	W	W	W
November 2019	W	W	W	W	W
Wyoming					
November 2020	W	8.5	-	669.9	W
October 2020	W	10.2	-	715.2	W
November 2019	W	10.5	-	868.4	W
PAD District 5					
November 2020	4,530.1	4,560.0	15,446.7	W	W
October 2020	4,846.3	4,877.6	16,509.2	W	W
November 2019	5,494.7	5,560.2	19,093.6	33,832.7	1,465.5
Alaska					
November 2020	W	W	W	407.2	W
October 2020	W	W	W	441.3	W
November 2019	W	W	W	W	W
Arizona					
November 2020	W	W	794.3	4,475.5	W
October 2020	W	W	1,265.3	4,100.7	W
November 2019	W	W	W	4,560.3	W
California					
November 2020	3,456.4	3,457.0	W	14,963.5	W
October 2020	3,686.7	3,687.7	W	15,801.6	W
November 2019	4,157.1	4,158.5	W	17,506.4	W
Hawaii					
November 2020	W	W	W	W	W
October 2020	W	W	W	W	W
November 2019	W	W	W	W	W
Nevada					
November 2020	170.1	171.3	W	W	W
October 2020	NA	NA	W	W	W
November 2019	W	W	W	1,773.1	W
Oregon					
November 2020	78.5	78.5	649.0	3,012.9	W
October 2020	86.2	86.2	703.9	3,231.3	W
November 2019	98.3	98.3	817.6	3,505.4	W
Washington					
November 2020	304.9	308.8	W	4,797.8	W
October 2020	334.4	340.0	W	5,314.4	W
November 2019	419.0	423.8	W	5,909.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state
 thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
November 2020	3.9	344.9	22,064.9	20,873.2	W	903.7	157.8	1,660.5	3,674.9	25,375.5
October 2020	7.5	389.7	20,483.1	18,118.1	W	676.3	71.5	1,340.1	3,046.4	24,276.0
November 2019	W	389.8	30,538.4	39,783.7	W	1,321.9	108.9	2,720.7	4,129.8	38,167.4
PAD District 1										
November 2020	1.5	97.4	2,690.7	2,937.9	W	361.6	-	12.0	-	4,555.9
October 2020	W	110.5	2,335.0	2,672.0	4.8	457.1	-	W	-	3,568.4
November 2019	W	129.5	5,862.3	8,536.3	W	482.8	W	5.6	-	5,622.6
Subdistrict 1A										
November 2020	W	W	103.8	W	W	-	-	-	-	586.0
October 2020	W	W	98.0	241.9	W	-	-	-	-	333.9
November 2019	-	W	153.0	1,188.8	W	W	-	-	-	685.5
Connecticut										
November 2020	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
November 2019	-	-	W	W	-	W	-	-	-	77.8
Maine										
November 2020	-	W	W	W	-	-	-	-	-	W
October 2020	W	W	W	W	-	-	-	-	-	W
November 2019	-	W	W	W	-	-	-	-	-	236.2
Massachusetts										
November 2020	W	-	W	W	W	-	-	-	-	W
October 2020	W	-	W	W	W	-	-	-	-	W
November 2019	-	-	W	W	W	-	-	-	-	W
New Hampshire										
November 2020	-	-	W	-	W	-	-	-	-	W
October 2020	-	-	W	-	W	-	-	-	-	W
November 2019	-	W	W	-	W	-	-	-	-	108.9
Rhode Island										
November 2020	-	-	W	W	W	-	-	-	-	W
October 2020	-	-	W	W	W	-	-	-	-	W
November 2019	-	-	W	W	W	-	-	-	-	W
Vermont										
November 2020	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
November 2019	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
November 2020	-	W	1,141.3	1,541.8	W	318.9	-	12.0	-	1,875.5
October 2020	W	W	1,117.6	1,378.9	3.3	420.4	-	3.8	-	1,526.7
November 2019	-	W	2,349.2	5,290.0	W	371.4	W	W	-	2,302.8
Delaware										
November 2020	-	-	-	-	W	-	-	-	-	W
October 2020	-	-	-	-	W	W	-	-	-	W
November 2019	-	-	-	-	W	W	W	-	-	W
District of Columbia										
November 2020	-	-	-	-	-	-	-	-	-	-
October 2020	-	-	-	-	-	-	-	-	-	-
November 2019	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2020	-	-	W	34.0	-	W	-	-	-	W
October 2020	-	-	W	33.3	-	W	-	-	-	W
November 2019	-	-	W	W	-	W	-	-	-	W
New Jersey										
November 2020	-	-	296.1	1,310.3	W	W	-	-	-	264.1
October 2020	-	-	314.4	1,180.0	W	W	-	-	-	221.5
November 2019	-	-	868.6	3,328.4	W	140.9	-	-	-	320.9
New York										
November 2020	-	W	669.2	42.7	W	W	-	W	-	500.5
October 2020	W	W	595.7	29.5	W	W	-	W	-	389.9
November 2019	-	W	1,210.1	55.0	W	79.0	-	W	-	689.5
Pennsylvania										
November 2020	-	W	W	154.8	2.2	W	-	W	-	961.7
October 2020	W	W	W	136.0	1.1	5.2	-	W	-	764.9
November 2019	-	W	W	1,837.2	3.8	W	W	W	-	1,040.9

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
November 2020	W	63.1	1,445.6	W	W	42.7	-	-	-	2,094.4
October 2020	W	W	1,119.4	1,051.2	W	36.6	-	W	-	1,707.8
November 2019	W	99.9	3,360.2	2,057.5	W	W	-	W	-	2,634.3
Florida										
November 2020	W	W	1,103.7	875.2	W	-	-	-	-	520.4
October 2020	-	W	735.2	755.2	W	-	-	-	-	287.5
November 2019	-	76.0	2,381.2	1,734.1	W	-	-	-	-	302.2
Georgia										
November 2020	W	W	W	45.6	-	W	-	-	-	380.3
October 2020	W	W	W	W	W	-	W	-	W	374.0
November 2019	W	W	W	81.1	-	W	-	W	-	564.9
North Carolina										
November 2020	-	W	W	66.7	W	38.5	-	-	-	588.1
October 2020	-	-	29.3	106.4	W	34.0	-	-	-	528.5
November 2019	-	W	118.5	94.4	W	86.0	-	-	-	897.4
South Carolina										
November 2020	-	-	W	53.0	W	W	-	-	-	389.7
October 2020	-	-	W	55.4	W	-	-	-	-	339.9
November 2019	-	-	W	74.4	W	W	-	-	-	557.6
Virginia										
November 2020	-	W	164.9	60.7	-	W	-	-	-	W
October 2020	-	W	220.9	79.8	-	W	-	-	-	W
November 2019	-	W	455.9	W	-	W	-	-	-	W
West Virginia										
November 2020	-	-	-	W	W	-	-	-	-	W
October 2020	-	-	-	W	W	-	-	-	-	W
November 2019	-	-	-	W	W	-	-	-	-	W
PAD District 2										
November 2020	W	W	5,736.2	2,770.7	W	60.9	18.7	1,157.5	W	10,088.0
October 2020	W	W	5,557.4	2,559.1	W	W	16.0	840.0	W	10,555.8
November 2019	W	78.8	5,870.7	4,757.1	W	W	23.6	2,105.9	W	17,027.5
Illinois										
November 2020	W	W	1,384.1	W	W	W	W	42.3	W	1,784.3
October 2020	-	W	1,350.9	W	W	W	W	14.1	-	1,886.0
November 2019	W	W	1,592.2	W	W	W	W	95.2	-	3,000.3
Indiana										
November 2020	-	-	561.7	99.7	W	11.9	-	W	W	487.0
October 2020	-	-	565.1	147.1	W	6.0	-	W	-	613.2
November 2019	-	-	841.7	229.2	W	18.4	-	W	W	494.7
Iowa										
November 2020	-	-	22.6	W	-	-	-	116.1	W	W
October 2020	-	-	21.3	W	-	-	-	66.0	W	W
November 2019	-	-	W	79.9	-	-	-	226.7	W	1,391.0
Kansas										
November 2020	W	W	W	W	-	W	W	116.3	-	2,854.5
October 2020	W	W	W	W	-	W	W	84.0	-	3,237.0
November 2019	W	W	W	W	-	W	W	178.4	-	4,705.3
Kentucky										
November 2020	W	W	W	251.0	W	W	W	W	-	457.5
October 2020	W	W	W	233.4	W	W	-	W	-	470.8
November 2019	-	W	W	325.3	W	W	W	W	-	687.9
Michigan										
November 2020	-	-	W	352.3	W	W	W	14.5	-	727.4
October 2020	W	-	116.2	219.2	W	W	W	6.5	-	629.9
November 2019	W	-	W	463.5	W	W	W	22.2	W	1,006.2
Minnesota										
November 2020	W	W	W	539.5	W	W	W	307.5	W	639.2
October 2020	W	W	W	503.1	W	W	W	198.9	W	702.4
November 2019	W	W	84.3	986.1	W	W	W	470.2	W	1,408.1
Missouri										
November 2020	W	-	W	W	-	W	W	17.5	W	262.3
October 2020	W	-	W	W	-	W	W	4.4	-	269.6
November 2019	W	-	W	W	-	W	-	19.4	-	431.1

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
November 2020	W	-	W	W	-	-	W	89.5	W	127.9
October 2020	W	-	W	W	-	-	W	62.3	W	W
November 2019	W	-	W	W	-	-	W	160.5	W	331.9
North Dakota										
November 2020	-	-	W	W	W	W	W	188.3	W	598.4
October 2020	-	-	W	W	W	W	W	181.1	W	478.9
November 2019	-	-	W	W	W	-	W	405.8	W	798.8
Ohio										
November 2020	W	-	349.9	187.3	W	W	-	W	-	756.0
October 2020	W	-	310.9	234.0	W	W	-	W	-	738.0
November 2019	-	W	448.2	427.3	W	W	-	W	-	867.8
Oklahoma										
November 2020	W	-	W	W	-	W	-	W	W	279.1
October 2020	W	-	W	240.9	-	W	-	W	W	279.8
November 2019	W	-	W	635.3	-	W	-	W	-	364.0
South Dakota										
November 2020	-	-	W	-	-	-	W	96.2	W	W
October 2020	W	-	W	-	-	-	W	74.3	W	W
November 2019	-	-	W	-	-	-	W	181.0	W	W
Tennessee										
November 2020	-	W	W	133.4	W	W	-	W	-	195.4
October 2020	-	W	W	136.8	W	W	-	W	-	143.0
November 2019	-	W	W	167.2	W	W	-	W	-	W
Wisconsin										
November 2020	-	-	W	W	W	W	W	85.5	W	609.3
October 2020	-	-	W	W	W	W	W	43.3	W	492.5
November 2019	-	-	W	8.7	W	W	W	147.3	W	1,083.2
PAD District 3										
November 2020	W	107.9	4,906.8	8,932.8	-	W	-	-	3,484.1	8,094.6
October 2020	W	128.9	4,623.1	6,785.3	-	149.2	-	W	2,855.3	7,814.9
November 2019	W	110.7	5,634.1	16,349.3	-	712.7	-	NA	3,525.2	12,407.1
Alabama										
November 2020	-	W	49.9	65.9	-	W	-	-	-	223.3
October 2020	-	W	43.0	65.6	-	W	-	-	-	216.9
November 2019	-	W	85.3	93.4	-	W	-	-	-	362.3
Arkansas										
November 2020	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
November 2019	W	W	W	W	-	-	-	-	-	W
Louisiana										
November 2020	W	W	585.6	1,688.4	-	W	-	-	786.0	157.8
October 2020	-	W	241.8	1,129.9	-	W	-	W	W	142.6
November 2019	-	7.2	778.0	4,316.4	-	W	-	-	W	412.2
Mississippi										
November 2020	-	W	W	61.8	-	W	-	-	-	505.2
October 2020	-	W	305.4	190.0	-	W	-	-	-	485.2
November 2019	-	W	1,115.3	1,701.1	-	W	-	-	-	715.2
New Mexico										
November 2020	W	-	W	W	-	-	-	-	-	W
October 2020	W	-	W	W	-	-	-	-	-	W
November 2019	W	-	W	W	-	-	-	-	-	W
Texas										
November 2020	W	98.4	4,012.7	7,035.3	-	W	-	-	2,698.1	7,062.2
October 2020	W	W	4,005.7	5,306.1	-	W	-	-	W	6,831.6
November 2019	W	W	3,591.7	10,135.2	-	W	-	NA	W	10,743.7

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
November 2020	W	W	639.2	658.1	-	-	W	189.9	W	1,069.9
October 2020	W	W	631.5	658.4	-	-	W	162.1	W	849.6
November 2019	W	W	960.6	960.2	W	-	7.0	304.9	W	1,254.8
Colorado										
November 2020	W	-	W	349.0	-	-	W	43.8	W	391.2
October 2020	W	-	W	363.0	-	-	W	28.3	-	339.4
November 2019	W	-	343.1	644.9	-	-	W	88.4	W	407.1
Idaho										
November 2020	-	-	W	19.4	-	-	W	9.4	W	W
October 2020	-	-	W	24.1	-	-	W	9.7	W	W
November 2019	-	-	W	18.5	W	-	W	11.2	W	51.0
Montana										
November 2020	-	W	W	W	-	-	W	74.1	W	163.9
October 2020	W	W	W	W	-	-	W	62.5	W	116.6
November 2019	-	W	W	W	-	-	W	114.3	W	160.6
Utah										
November 2020	-	W	392.6	W	-	-	W	15.1	-	W
October 2020	-	W	364.6	207.8	-	-	-	19.3	-	W
November 2019	-	W	470.7	224.4	-	-	W	20.5	-	150.1
Wyoming										
November 2020	W	-	47.4	W	-	-	-	47.5	-	417.5
October 2020	-	-	34.9	W	-	-	-	42.3	-	309.2
November 2019	-	-	W	W	-	-	W	70.6	-	486.0
PAD District 5										
November 2020	W	66.4	8,092.0	5,573.8	W	W	W	301.1	W	1,567.1
October 2020	W	W	7,336.2	5,443.3	W	W	W	332.9	W	1,487.4
November 2019	W	W	12,210.8	9,180.8	W	W	W	304.3	W	1,855.4
Alaska										
November 2020	W	-	W	W	-	-	W	W	W	W
October 2020	W	W	W	W	-	-	W	W	W	W
November 2019	W	-	W	W	-	-	W	W	W	W
Arizona										
November 2020	W	W	W	143.6	-	-	-	-	-	155.0
October 2020	W	W	W	153.8	-	-	-	-	-	120.9
November 2019	W	W	W	196.3	-	-	-	-	-	186.0
California										
November 2020	W	30.0	4,189.3	4,399.1	W	W	-	-	-	988.0
October 2020	W	W	3,791.7	4,058.0	W	W	-	-	-	968.1
November 2019	W	25.6	6,977.8	6,793.5	W	W	-	-	-	1,008.4
Hawaii										
November 2020	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
November 2019	-	-	W	W	-	-	-	-	-	W
Nevada										
November 2020	-	-	W	W	-	-	-	-	-	W
October 2020	-	-	W	W	-	-	-	-	-	W
November 2019	-	-	W	W	-	-	-	-	-	78.4
Oregon										
November 2020	-	W	201.8	W	-	-	-	W	W	21.1
October 2020	-	W	217.6	83.0	-	-	-	W	W	22.7
November 2019	-	9.5	392.7	W	-	-	-	W	W	119.1
Washington										
November 2020	-	W	1,206.8	325.8	NA	-	W	W	W	359.0
October 2020	-	W	1,030.9	520.7	W	-	W	W	W	325.2
November 2019	-	W	1,742.7	718.7	-	-	W	W	W	421.4

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
November 2020	9,007.5	142,754.8	W	-	W	928.6
October 2020	9,195.8	149,640.3	W	-	W	1,094.5
November 2019	10,353.3	165,170.5	W	W	W	W
PAD District 1						
November 2020	1,286.0	28,949.1	-	-	-	W
October 2020	W	W	-	-	-	W
November 2019	W	31,851.1	-	W	-	W
Subdistrict 1A						
November 2020	W	W	-	-	-	-
October 2020	W	1,175.5	-	-	-	-
November 2019	W	W	-	-	-	-
Connecticut						
November 2020	-	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	W	-	-	-	-
Maine						
November 2020	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
November 2019	-	W	-	-	-	-
Massachusetts						
November 2020	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	W	-	-	-	-
New Hampshire						
November 2020	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	W	-	-	-	-
Rhode Island						
November 2020	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	349.7	-	-	-	-
Vermont						
November 2020	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
November 2019	-	W	-	-	-	-
Subdistrict 1B						
November 2020	W	W	-	-	-	W
October 2020	W	W	-	-	-	W
November 2019	W	W	-	W	-	W
Delaware						
November 2020	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	W	-	-	-	-
District of Columbia						
November 2020	-	W	-	-	-	-
October 2020	-	W	-	-	-	-
November 2019	-	W	-	-	-	-
Maryland						
November 2020	W	1,139.6	-	-	-	-
October 2020	W	1,053.3	-	-	-	-
November 2019	W	W	-	-	-	W
New Jersey						
November 2020	88.5	W	-	-	-	W
October 2020	W	W	-	-	-	W
November 2019	100.0	7,134.9	-	W	-	W
New York						
November 2020	147.2	W	-	-	-	W
October 2020	154.7	W	-	-	-	W
November 2019	196.0	W	-	-	-	W
Pennsylvania						
November 2020	269.2	4,204.2	-	-	-	-
October 2020	248.0	W	-	-	-	-
November 2019	W	4,992.5	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
November 2020		W	14,951.4	-	-	-
October 2020		757.8	15,738.5	-	-	-
November 2019		777.3	15,676.2	-	-	-
Florida						
November 2020		242.4	4,677.2	-	-	-
October 2020		269.0	4,759.5	-	-	-
November 2019		215.1	5,013.5	-	-	-
Georgia						
November 2020		49.4	2,705.7	-	-	-
October 2020		41.7	2,772.3	-	-	-
November 2019		44.4	2,611.3	-	-	-
North Carolina						
November 2020		217.6	W	-	-	-
October 2020		216.4	W	-	-	-
November 2019		298.2	W	-	-	-
South Carolina						
November 2020		W	1,401.0	-	-	-
October 2020		W	1,698.3	-	-	-
November 2019		W	1,588.4	-	-	-
Virginia						
November 2020		6.7	W	-	-	-
October 2020		6.2	W	-	-	-
November 2019		4.2	W	-	-	-
West Virginia						
November 2020		191.1	W	-	-	-
October 2020		W	W	-	-	-
November 2019		W	W	-	-	-
PAD District 2						
November 2020		W	44,776.9	-	-	-
October 2020		W	W	-	-	-
November 2019		W	46,602.2	-	-	-
Illinois						
November 2020		114.1	7,095.5	-	-	-
October 2020		126.3	7,460.7	-	-	-
November 2019		154.6	7,157.2	-	-	-
Indiana						
November 2020		186.5	3,622.7	-	-	-
October 2020		192.3	4,286.0	-	-	-
November 2019		W	4,186.5	-	-	-
Iowa						
November 2020		W	2,169.5	-	-	-
October 2020		W	2,522.7	-	-	-
November 2019		33.9	2,431.2	-	-	-
Kansas						
November 2020		486.3	3,181.1	-	-	-
October 2020		398.7	3,367.4	-	-	-
November 2019		W	3,422.0	-	-	-
Kentucky						
November 2020		336.0	1,675.1	-	-	-
October 2020		342.3	1,710.9	-	-	-
November 2019		362.8	1,767.5	-	-	-
Michigan						
November 2020		156.9	2,687.4	-	-	-
October 2020		154.9	W	-	-	-
November 2019		163.6	2,738.2	-	-	-
Minnesota						
November 2020		267.1	W	-	-	-
October 2020		313.9	W	-	-	-
November 2019		W	W	-	-	-
Missouri						
November 2020		0.6	1,696.5	-	-	-
October 2020		1.3	1,878.2	-	-	-
November 2019		1.3	1,623.8	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
November 2020	326.2		1,397.9		-	-
October 2020	421.2		1,650.5		-	-
November 2019	W		1,497.5		-	-
North Dakota						
November 2020	W		871.7		-	-
October 2020	W		1,032.3		-	-
November 2019	W		1,235.2		-	-
Ohio						
November 2020	380.6		5,248.0		-	-
October 2020	400.5		5,448.3		-	-
November 2019	465.3		4,982.0		-	-
Oklahoma						
November 2020	132.1		5,621.4		-	-
October 2020	152.7		5,953.9		-	-
November 2019	145.3		5,886.4		-	-
South Dakota						
November 2020	W		758.4		-	-
October 2020	88.0		924.3		-	-
November 2019	W		746.7		-	-
Tennessee						
November 2020	177.2		W		-	-
October 2020	180.5		3,709.0		-	-
November 2019	216.3		3,794.8		-	-
Wisconsin						
November 2020	W		W		-	-
October 2020	W		W		-	-
November 2019	W		W		-	-
PAD District 3						
November 2020	1,733.3		44,399.1		-	303.8
October 2020	1,702.9		45,007.4		-	558.1
November 2019	2,616.3		59,922.2		-	402.6
Alabama						
November 2020	147.0		W		-	-
October 2020	138.5		1,873.5		-	-
November 2019	176.0		1,734.0		-	-
Arkansas						
November 2020	W		1,663.8		-	-
October 2020	W		1,661.7		-	-
November 2019	W		1,394.7		-	-
Louisiana						
November 2020	96.4		W		-	W
October 2020	W		W		-	W
November 2019	194.7		W		-	W
Mississippi						
November 2020	22.9		1,851.0		-	-
October 2020	14.5		W		-	-
November 2019	28.9		2,501.7		-	-
New Mexico						
November 2020	100.6		1,381.7		-	-
October 2020	101.4		1,267.4		-	-
November 2019	226.8		1,032.5		-	-
Texas						
November 2020	W		W		-	W
October 2020	1,272.1		W		-	W
November 2019	W		W		-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
November 2020	W	5,631.4	-	-	-	-
October 2020	W	6,717.3	-	-	-	-
November 2019	W	6,204.5	-	-	-	-
Colorado						
November 2020	197.3	1,648.7	-	-	-	-
October 2020	213.5	1,979.5	-	-	-	-
November 2019	216.4	1,932.0	-	-	-	-
Idaho						
November 2020	W	798.8	-	-	-	-
October 2020	W	962.2	-	-	-	-
November 2019	W	618.4	-	-	-	-
Montana						
November 2020	256.3	994.7	-	-	-	-
October 2020	219.7	1,053.4	-	-	-	-
November 2019	W	1,080.3	-	-	-	-
Utah						
November 2020	W	1,384.0	-	-	-	-
October 2020	W	1,812.3	-	-	-	-
November 2019	W	1,513.2	-	-	-	-
Wyoming						
November 2020	233.7	805.2	-	-	-	-
October 2020	189.2	910.0	-	-	-	-
November 2019	320.5	1,060.6	-	-	-	-
PAD District 5						
November 2020	W	18,998.3	W	-	W	W
October 2020	W	W	W	-	W	W
November 2019	W	20,590.5	W	-	W	W
Alaska						
November 2020	W	W	-	-	-	-
October 2020	W	W	-	-	-	-
November 2019	W	W	-	-	-	-
Arizona						
November 2020	386.4	1,145.0	-	-	-	-
October 2020	384.8	908.7	-	-	-	-
November 2019	425.6	767.4	-	-	-	-
California						
November 2020	1,070.9	W	-	-	-	W
October 2020	1,079.1	W	-	-	-	W
November 2019	1,048.0	W	-	-	-	W
Hawaii						
November 2020	W	W	W	-	W	W
October 2020	W	W	W	-	W	W
November 2019	W	W	W	-	W	W
Nevada						
November 2020	W	454.8	-	-	-	-
October 2020	W	457.5	-	-	-	-
November 2019	W	457.4	-	-	-	-
Oregon						
November 2020	22.1	1,896.9	-	-	-	-
October 2020	22.9	2,104.2	-	-	-	-
November 2019	W	2,149.9	-	-	-	-
Washington						
November 2020	W	W	-	-	-	W
October 2020	W	W	-	-	-	W
November 2019	W	W	-	-	-	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
November 2020	97.6	8,373.5	9,528.3	152,056.9
October 2020	146.7	6,630.5	9,886.0	157,365.3
November 2019	103.0	12,769.5	10,698.8	179,521.4
PAD District 1				
November 2020	-	W	1,286.0	33,365.4
October 2020	W	3,406.6	1,317.1	31,485.0
November 2019	W	W	1,323.5	39,894.3
Subdistrict 1A				
November 2020	-	W	W	2,156.0
October 2020	-	727.2	W	1,902.7
November 2019	-	W	W	3,240.6
Connecticut				
November 2020	-	W	-	1,020.8
October 2020	-	W	W	926.3
November 2019	-	W	W	1,715.9
Maine				
November 2020	-	W	-	128.2
October 2020	-	W	-	155.3
November 2019	-	W	-	185.8
Massachusetts				
November 2020	-	W	W	412.6
October 2020	-	W	W	309.8
November 2019	-	W	W	458.5
New Hampshire				
November 2020	-	W	W	W
October 2020	-	W	W	W
November 2019	-	W	W	W
Rhode Island				
November 2020	-	W	W	349.8
October 2020	-	W	W	310.0
November 2019	-	246.2	W	595.9
Vermont				
November 2020	-	W	-	W
October 2020	-	W	-	W
November 2019	-	W	-	W
Subdistrict 1B				
November 2020	-	3,045.5	W	16,206.9
October 2020	W	2,642.5	W	13,806.9
November 2019	W	6,055.8	W	20,916.1
Delaware				
November 2020	-	W	W	W
October 2020	-	W	W	W
November 2019	-	W	W	W
District of Columbia				
November 2020	-	-	-	W
October 2020	-	-	-	W
November 2019	-	-	-	W
Maryland				
November 2020	-	W	W	1,270.6
October 2020	W	71.1	W	1,124.4
November 2019	W	W	W	1,581.2
New Jersey				
November 2020	-	1,952.4	88.5	8,184.3
October 2020	W	1,737.5	122.4	6,842.0
November 2019	-	4,559.9	100.0	11,776.3
New York				
November 2020	-	498.7	147.2	1,703.6
October 2020	-	324.6	154.7	1,408.3
November 2019	-	642.2	196.0	1,644.8
Pennsylvania				
November 2020	-	457.5	269.2	4,661.7
October 2020	-	W	248.0	4,167.8
November 2019	W	494.7	152.8	5,487.2

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
November 2020	-	51.2	745.5	15,002.6
October 2020	-	37.0	757.8	15,775.4
November 2019	-	61.3	777.3	15,737.5
Florida				
November 2020	-	-	242.4	4,677.2
October 2020	-	-	269.0	4,759.5
November 2019	-	-	215.1	5,013.5
Georgia				
November 2020	-	-	49.4	2,705.7
October 2020	-	-	41.7	2,772.3
November 2019	-	-	44.4	2,611.3
North Carolina				
November 2020	-	W	217.6	3,074.4
October 2020	-	W	216.4	3,333.6
November 2019	-	W	298.2	3,235.7
South Carolina				
November 2020	-	-	W	1,401.0
October 2020	-	-	W	1,698.3
November 2019	-	-	W	1,588.4
Virginia				
November 2020	-	W	W	2,493.6
October 2020	-	W	W	2,480.7
November 2019	-	W	4.2	2,610.4
West Virginia				
November 2020	-	W	191.1	650.7
October 2020	-	W	185.4	731.0
November 2019	-	W	W	678.3
PAD District 2				
November 2020	W	162.0	3,031.7	44,938.9
October 2020	W	W	3,236.8	48,983.4
November 2019	W	122.4	3,343.2	46,724.6
Illinois				
November 2020	-	-	114.1	7,095.5
October 2020	-	-	126.3	7,460.7
November 2019	-	-	154.6	7,157.2
Indiana				
November 2020	-	-	186.5	3,622.7
October 2020	-	-	192.3	4,286.0
November 2019	-	-	W	4,186.5
Iowa				
November 2020	-	-	W	2,169.5
October 2020	-	-	W	2,522.7
November 2019	-	-	33.9	2,431.2
Kansas				
November 2020	-	-	486.3	3,181.1
October 2020	-	-	398.7	3,367.4
November 2019	-	-	W	3,422.0
Kentucky				
November 2020	-	-	336.0	1,675.1
October 2020	-	-	342.3	1,710.9
November 2019	-	-	362.8	1,767.5
Michigan				
November 2020	-	143.8	156.9	2,831.2
October 2020	-	W	154.9	2,945.8
November 2019	-	116.1	163.6	2,854.3
Minnesota				
November 2020	-	W	267.1	2,503.6
October 2020	-	W	313.9	3,390.1
November 2019	W	W	313.5	2,663.9
Missouri				
November 2020	-	-	0.6	1,696.5
October 2020	-	-	1.3	1,878.2
November 2019	-	-	1.3	1,623.8

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
November 2020	-	-	326.2	1,397.9
October 2020	-	-	421.2	1,650.5
November 2019	-	-	W	1,497.5
North Dakota				
November 2020	-	-	W	871.7
October 2020	-	-	W	1,032.3
November 2019	W	-	W	1,235.2
Ohio				
November 2020	-	-	380.6	5,248.0
October 2020	-	-	400.5	5,448.3
November 2019	-	-	465.3	4,982.0
Oklahoma				
November 2020	-	-	132.1	5,621.4
October 2020	-	-	152.7	5,953.9
November 2019	-	-	145.3	5,886.4
South Dakota				
November 2020	W	-	W	758.4
October 2020	W	-	W	924.3
November 2019	W	-	W	746.7
Tennessee				
November 2020	-	W	177.2	3,781.2
October 2020	-	-	180.5	3,709.0
November 2019	-	-	216.3	3,794.8
Wisconsin				
November 2020	W	W	32.2	2,485.1
October 2020	W	W	38.7	2,703.4
November 2019	W	W	48.8	2,475.7
PAD District 3				
November 2020	-	4,067.5	1,733.3	48,770.4
October 2020	-	3,116.5	1,702.9	48,682.0
November 2019	-	4,763.6	2,616.3	65,088.4
Alabama				
November 2020	-	W	147.0	1,903.0
October 2020	-	-	138.5	1,873.5
November 2019	-	-	176.0	1,734.0
Arkansas				
November 2020	-	-	W	1,663.8
October 2020	-	-	W	1,661.7
November 2019	-	-	W	1,394.7
Louisiana				
November 2020	-	W	96.4	9,952.2
October 2020	-	W	W	9,379.3
November 2019	-	2,374.6	194.7	14,295.8
Mississippi				
November 2020	-	-	W	1,851.0
October 2020	-	W	14.5	2,379.8
November 2019	-	469.2	W	2,970.9
New Mexico				
November 2020	-	-	100.6	1,381.7
October 2020	-	-	101.4	1,267.4
November 2019	-	-	226.8	1,032.5
Texas				
November 2020	-	3,796.1	1,324.9	32,018.7
October 2020	-	2,269.6	1,272.1	32,120.4
November 2019	-	1,919.8	1,947.4	43,660.5

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
November 2020	W	-	1,044.4	5,631.4
October 2020	W	-	970.1	6,717.3
November 2019	W	-	1,082.9	6,204.5
Colorado				
November 2020	-	-	197.3	1,648.7
October 2020	-	-	213.5	1,979.5
November 2019	-	-	216.4	1,932.0
Idaho				
November 2020	W	-	37.4	798.8
October 2020	W	-	49.9	962.2
November 2019	W	-	W	618.4
Montana				
November 2020	-	-	256.3	994.7
October 2020	-	-	219.7	1,053.4
November 2019	-	-	W	1,080.3
Utah				
November 2020	W	-	319.7	1,384.0
October 2020	W	-	297.8	1,812.3
November 2019	W	-	234.3	1,513.2
Wyoming				
November 2020	-	-	233.7	805.2
October 2020	-	-	189.2	910.0
November 2019	-	-	320.5	1,060.6
PAD District 5				
November 2020	W	W	2,432.9	19,350.8
October 2020	W	W	2,659.1	21,497.5
November 2019	W	W	2,332.9	21,609.7
Alaska				
November 2020	W	W	W	W
October 2020	W	W	W	W
November 2019	W	W	W	W
Arizona				
November 2020	-	-	386.4	1,145.0
October 2020	-	-	384.8	908.7
November 2019	-	-	425.6	767.4
California				
November 2020	-	-	1,070.9	12,268.9
October 2020	-	-	1,079.1	14,066.3
November 2019	-	-	1,048.0	13,789.3
Hawaii				
November 2020	-	-	W	W
October 2020	-	-	W	W
November 2019	-	-	W	W
Nevada				
November 2020	W	-	W	454.8
October 2020	W	-	W	457.5
November 2019	W	-	W	457.4
Oregon				
November 2020	-	-	22.1	1,896.9
October 2020	-	-	22.9	2,104.2
November 2019	-	-	W	2,149.9
Washington				
November 2020	W	-	188.0	3,233.8
October 2020	W	-	229.1	3,528.1
November 2019	W	-	216.0	3,905.1

- = No data reported.

NA = Not available.

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Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

Geographic area month	Residual fuel oil				No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
November 2020	W	3,816.1	W	1,554.9	1,995.0	5,371.1
October 2020	W	3,146.1	W	2,652.1	2,917.8	5,798.2
November 2019	W	2,088.0	W	5,157.5	2,448.1	7,245.5
PAD District 1						
November 2020	W	W	-	W	W	1,677.8
October 2020	W	W	-	W	W	1,850.4
November 2019	W	W	-	W	W	2,358.9
Subdistrict 1A						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
Subdistrict 1B						
November 2020	W	W	-	W	W	1,677.8
October 2020	W	W	-	W	W	1,850.4
November 2019	W	W	-	W	W	2,358.9
Subdistrict 1C						
November 2020	-	-	-	-	-	-
October 2020	-	-	-	-	-	-
November 2019	-	-	-	-	-	-
PAD District 2						
November 2020	-	-	W	-	W	-
October 2020	-	-	W	-	W	-
November 2019	-	-	W	-	W	-
PAD District 3						
November 2020	W	2,023.9	W	566.1	W	2,590.0
October 2020	W	1,022.1	W	1,292.1	W	2,314.2
November 2019	-	W	106.0	W	106.0	2,940.3
PAD District 4						
November 2020	-	-	-	-	-	-
October 2020	-	NA	-	-	-	NA
November 2019	-	-	-	W	-	W
PAD District 5						
November 2020	W	W	W	W	1,707.7	1,103.3
October 2020	W	W	999.2	W	W	1,620.0
November 2019	W	W	W	1,576.7	2,336.6	W

- = No data reported.

NA = Not available.

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Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
 thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
November 2020	189,364.4	85,458.0	274,822.4	3,062.5	1,629.7	4,692.2
October 2020	201,087.6	89,091.9	290,179.5	3,303.1	1,739.6	5,042.7
November 2019	215,426.4	102,970.4	318,396.8	3,417.6	1,917.9	5,335.5
PAD District 1						
November 2020	59,195.6	33,268.7	92,464.3	1,204.7	542.3	1,747.0
October 2020	62,302.4	34,628.5	96,930.9	1,277.0	590.2	1,867.2
November 2019	65,250.5	40,674.8	105,925.3	1,297.1	666.5	1,963.6
Subdistrict 1A						
November 2020	1,359.4	10,557.0	11,916.4	17.6	163.0	180.5
October 2020	1,585.2	11,217.7	12,802.8	21.8	181.0	202.8
November 2019	1,601.4	12,390.9	13,992.4	17.7	204.0	221.7
Connecticut						
November 2020	-	2,933.4	2,933.4	-	29.7	29.7
October 2020	-	3,108.9	3,108.9	-	33.5	33.5
November 2019	-	3,155.7	3,155.7	-	36.2	36.2
Maine						
November 2020	551.5	862.3	1,413.8	10.6	9.9	20.5
October 2020	628.7	998.8	1,627.5	12.8	11.6	24.4
November 2019	677.0	1,075.8	1,752.8	9.5	12.1	21.6
Massachusetts						
November 2020	-	4,603.8	4,603.8	-	94.0	94.0
October 2020	-	4,827.9	4,827.9	-	103.3	103.3
November 2019	-	5,485.3	5,485.3	-	117.8	117.8
New Hampshire						
November 2020	247.4	935.2	1,182.6	2.6	10.4	13.0
October 2020	304.0	979.4	1,283.4	3.5	11.8	15.4
November 2019	300.9	1,064.5	1,365.4	2.2	13.1	15.2
Rhode Island						
November 2020	-	1,222.3	1,222.3	-	18.9	18.9
October 2020	-	1,302.8	1,302.8	-	20.8	20.8
November 2019	-	1,609.6	1,609.6	-	24.8	24.8
Vermont						
November 2020	560.5	-	560.5	4.4	-	4.4
October 2020	652.4	-	652.4	5.5	-	5.5
November 2019	623.6	-	623.6	6.0	-	6.0
Subdistrict 1B						
November 2020	11,025.4	19,433.4	30,458.8	130.8	335.5	466.3
October 2020	12,070.8	20,107.4	32,178.2	145.5	363.5	509.0
November 2019	13,084.5	24,197.1	37,281.6	141.9	399.3	541.2
Delaware						
November 2020	-	911.7	911.7	-	6.1	6.1
October 2020	-	953.2	953.2	-	7.9	7.9
November 2019	-	952.5	952.5	-	7.5	7.5
District of Columbia						
November 2020	-	143.0	143.0	-	2.3	2.3
October 2020	-	136.6	136.6	-	2.0	2.0
November 2019	-	159.7	159.7	-	3.0	3.0
Maryland						
November 2020	497.7	3,271.4	3,769.1	4.2	32.1	36.2
October 2020	568.8	3,356.4	3,925.2	6.2	36.3	42.5
November 2019	531.2	4,476.7	5,007.8	3.7	40.5	44.2
New Jersey						
November 2020	-	7,216.0	7,216.0	-	95.8	95.8
October 2020	-	7,372.1	7,372.1	-	102.4	102.4
November 2019	-	9,077.2	9,077.2	-	120.3	120.3
New York						
November 2020	4,794.2	5,868.9	10,663.1	77.9	180.0	257.9
October 2020	5,166.8	6,127.4	11,294.2	84.5	191.8	276.3
November 2019	5,597.6	7,156.6	12,754.3	84.4	205.1	289.5
Pennsylvania						
November 2020	5,733.4	2,022.5	7,755.9	48.7	19.2	67.9
October 2020	6,335.3	2,161.7	8,497.0	54.8	23.1	77.9
November 2019	6,955.7	2,374.4	9,330.1	53.8	22.9	76.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
November 2020	23,561.2	18,739.9	42,301.1	215,988.1	105,827.6	321,815.7
October 2020	25,024.8	19,378.5	44,403.3	229,415.5	110,210.0	339,625.5
November 2019	22,613.5	19,486.3	42,099.8	241,457.5	124,374.6	365,832.1
PAD District 1						
November 2020	7,853.9	6,510.3	14,364.2	68,254.2	40,321.3	108,575.5
October 2020	8,141.3	6,799.2	14,940.5	71,720.7	42,018.0	113,738.6
November 2019	7,312.9	6,986.2	14,299.2	73,860.5	48,327.6	122,188.1
Subdistrict 1A						
November 2020	91.6	1,769.7	1,861.2	1,468.6	12,489.6	13,958.2
October 2020	118.2	1,908.1	2,026.3	1,725.2	13,306.8	15,032.0
November 2019	93.4	1,821.0	1,914.5	1,712.6	14,415.9	16,128.5
Connecticut						
November 2020	-	581.9	581.9	-	3,545.0	3,545.0
October 2020	-	620.0	620.0	-	3,762.3	3,762.3
November 2019	-	546.7	546.7	-	3,738.7	3,738.7
Maine						
November 2020	26.9	75.2	102.1	589.0	947.5	1,536.4
October 2020	33.4	97.1	130.5	674.9	1,107.5	1,782.4
November 2019	30.0	86.2	116.2	716.5	1,174.1	1,890.6
Massachusetts						
November 2020	-	782.1	782.1	-	5,479.9	5,479.9
October 2020	-	828.7	828.7	-	5,759.9	5,759.9
November 2019	-	832.7	832.7	-	6,435.7	6,435.7
New Hampshire						
November 2020	13.2	121.7	134.9	263.2	1,067.3	1,330.5
October 2020	17.9	136.9	154.8	325.5	1,128.1	1,453.6
November 2019	13.3	121.3	134.5	316.3	1,198.9	1,515.2
Rhode Island						
November 2020	-	208.7	208.7	-	1,449.9	1,449.9
October 2020	-	225.4	225.4	-	1,549.0	1,549.0
November 2019	-	234.1	234.1	-	1,868.5	1,868.5
Vermont						
November 2020	51.5	-	51.5	616.4	-	616.4
October 2020	66.9	-	66.9	724.8	-	724.8
November 2019	50.2	-	50.2	679.8	-	679.8
Subdistrict 1B						
November 2020	1,137.9	4,089.1	5,227.0	12,294.1	23,858.0	36,152.1
October 2020	1,254.7	4,242.9	5,497.7	13,471.1	24,713.7	38,184.8
November 2019	1,123.4	4,416.5	5,539.9	14,349.9	29,012.8	43,362.7
Delaware						
November 2020	-	123.2	123.2	-	1,041.0	1,041.0
October 2020	-	129.9	129.9	-	1,090.9	1,090.9
November 2019	-	116.9	116.9	-	1,076.9	1,076.9
District of Columbia						
November 2020	-	32.6	32.6	-	177.9	177.9
October 2020	-	30.7	30.7	-	169.3	169.3
November 2019	-	34.0	34.0	-	196.7	196.7
Maryland						
November 2020	50.9	599.5	650.3	552.8	3,902.9	4,455.7
October 2020	59.5	628.8	688.4	634.5	4,021.5	4,656.0
November 2019	45.7	758.3	803.9	580.6	5,275.4	5,856.0
New Jersey						
November 2020	-	1,275.7	1,275.7	-	8,587.5	8,587.5
October 2020	-	1,314.2	1,314.2	-	8,788.8	8,788.8
November 2019	-	1,412.1	1,412.1	-	10,609.7	10,609.7
New York						
November 2020	467.7	1,712.5	2,180.2	5,339.9	7,761.3	13,101.2
October 2020	522.7	1,771.5	2,294.2	5,774.0	8,090.6	13,864.6
November 2019	464.7	1,735.0	2,199.7	6,146.7	9,096.7	15,243.4
Pennsylvania						
November 2020	619.3	345.6	964.9	6,401.4	2,387.3	8,788.8
October 2020	672.5	367.9	1,040.4	7,062.6	2,552.7	9,615.3
November 2019	613.1	360.1	973.2	7,622.6	2,757.3	10,380.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
November 2020	46,810.8	3,278.3	50,089.1	1,056.3	43.9	1,100.2
October 2020	48,646.4	3,303.5	51,949.9	1,109.7	45.7	1,155.4
November 2019	50,564.5	4,086.8	54,651.3	1,137.5	63.3	1,200.8
Florida						
November 2020	15,926.9	-	15,926.9	276.6	-	276.6
October 2020	16,558.6	-	16,558.6	293.3	-	293.3
November 2019	16,783.7	-	16,783.7	297.8	-	297.8
Georgia						
November 2020	10,926.7	-	10,926.7	310.7	-	310.7
October 2020	11,230.8	-	11,230.8	322.6	-	322.6
November 2019	11,285.0	-	11,285.0	327.2	-	327.2
North Carolina						
November 2020	9,538.9	-	9,538.9	245.9	-	245.9
October 2020	10,006.0	-	10,006.0	259.3	-	259.3
November 2019	10,760.1	-	10,760.1	264.9	-	264.9
South Carolina						
November 2020	5,538.8	-	5,538.8	160.3	-	160.3
October 2020	5,823.4	-	5,823.4	169.3	-	169.3
November 2019	6,393.1	-	6,393.1	170.5	-	170.5
Virginia						
November 2020	3,285.3	3,278.3	6,563.7	48.0	43.9	91.9
October 2020	3,443.1	3,303.5	6,746.6	51.4	45.7	97.1
November 2019	3,712.9	4,086.8	7,799.7	61.1	63.3	124.4
West Virginia						
November 2020	1,594.2	-	1,594.2	14.7	-	14.7
October 2020	1,584.4	-	1,584.4	13.9	-	13.9
November 2019	1,629.7	-	1,629.7	15.9	-	15.9
PAD District 2						
November 2020	68,926.8	10,765.6	79,692.4	900.8	152.0	1,052.8
October 2020	73,673.6	11,603.0	85,276.5	983.8	166.0	1,149.8
November 2019	79,259.1	13,081.9	92,341.0	1,056.7	174.1	1,230.8
Illinois						
November 2020	3,457.3	5,541.5	8,998.8	42.3	70.6	112.8
October 2020	3,792.3	6,040.7	9,833.0	46.6	77.9	124.5
November 2019	4,022.0	7,184.3	11,206.4	47.2	84.1	131.2
Indiana						
November 2020	5,900.8	922.9	6,823.7	69.0	18.8	87.9
October 2020	6,256.2	1,001.8	7,258.0	71.7	20.6	92.3
November 2019	6,472.1	1,062.7	7,534.8	75.9	22.8	98.7
Iowa						
November 2020	2,759.3	-	2,759.3	72.4	-	72.4
October 2020	3,097.6	-	3,097.6	81.2	-	81.2
November 2019	3,547.3	-	3,547.3	84.1	-	84.1
Kansas						
November 2020	3,561.5	-	3,561.5	45.4	-	45.4
October 2020	3,774.4	-	3,774.4	47.9	-	47.9
November 2019	3,986.4	-	3,986.4	51.0	-	51.0
Kentucky						
November 2020	3,913.2	680.1	4,593.2	50.9	14.0	64.9
October 2020	4,183.2	710.3	4,893.5	56.6	14.3	70.9
November 2019	4,401.7	683.0	5,084.7	59.0	11.0	70.1
Michigan						
November 2020	9,967.3	-	9,967.3	65.1	-	65.1
October 2020	10,880.2	-	10,880.2	82.2	-	82.2
November 2019	11,771.0	-	11,771.0	73.8	-	73.8
Minnesota						
November 2020	4,517.4	-	4,517.4	75.4	-	75.4
October 2020	5,161.5	-	5,161.5	85.8	-	85.8
November 2019	5,739.7	-	5,739.7	100.8	-	100.8
Missouri						
November 2020	4,718.5	2,025.9	6,744.4	76.6	34.7	111.3
October 2020	4,931.2	2,128.0	7,059.2	82.3	37.7	120.0
November 2019	5,146.6	2,173.0	7,319.6	78.5	38.3	116.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
November 2020	6,624.4	651.5	7,276.0	54,491.5	3,973.7	58,465.3
October 2020	6,768.4	648.2	7,416.5	56,524.4	3,997.5	60,521.8
November 2019	6,096.1	748.7	6,844.8	57,798.1	4,898.8	62,696.9
Florida						
November 2020	2,589.6	-	2,589.6	18,793.1	-	18,793.1
October 2020	2,600.0	-	2,600.0	19,452.0	-	19,452.0
November 2019	2,345.8	-	2,345.8	19,427.3	-	19,427.3
Georgia						
November 2020	1,666.7	-	1,666.7	12,904.1	-	12,904.1
October 2020	1,684.2	-	1,684.2	13,237.5	-	13,237.5
November 2019	1,414.7	-	1,414.7	13,027.0	-	13,027.0
North Carolina						
November 2020	1,289.6	-	1,289.6	11,074.4	-	11,074.4
October 2020	1,322.2	-	1,322.2	11,587.5	-	11,587.5
November 2019	1,260.3	-	1,260.3	12,285.3	-	12,285.3
South Carolina						
November 2020	679.7	-	679.7	6,378.9	-	6,378.9
October 2020	704.0	-	704.0	6,696.6	-	6,696.6
November 2019	658.5	-	658.5	7,222.1	-	7,222.1
Virginia						
November 2020	303.7	651.5	955.3	3,637.1	3,973.7	7,610.8
October 2020	327.1	648.2	975.3	3,821.6	3,997.5	7,819.1
November 2019	312.8	748.7	1,061.6	4,086.9	4,898.8	8,985.7
West Virginia						
November 2020	95.1	-	95.1	1,704.0	-	1,704.0
October 2020	130.8	-	130.8	1,729.1	-	1,729.1
November 2019	103.9	-	103.9	1,749.4	-	1,749.4
PAD District 2						
November 2020	6,250.5	1,381.2	7,631.7	76,078.1	12,298.8	88,376.9
October 2020	6,795.7	1,459.4	8,255.1	81,453.2	13,228.3	94,681.5
November 2019	6,013.9	1,484.3	7,498.2	86,329.7	14,740.2	101,070.0
Illinois						
November 2020	248.6	806.5	1,055.1	3,748.2	6,418.6	10,166.8
October 2020	274.9	863.3	1,138.2	4,113.8	6,981.9	11,095.7
November 2019	240.5	925.1	1,165.6	4,309.7	8,193.5	12,503.2
Indiana						
November 2020	457.8	104.0	561.8	6,427.6	1,045.8	7,473.4
October 2020	482.5	113.5	596.1	6,810.4	1,136.0	7,946.3
November 2019	417.2	100.0	517.2	6,965.2	1,185.5	8,150.7
Iowa						
November 2020	253.1	-	253.1	3,084.8	-	3,084.8
October 2020	292.7	-	292.7	3,471.6	-	3,471.6
November 2019	260.7	-	260.7	3,892.1	-	3,892.1
Kansas						
November 2020	362.0	-	362.0	3,969.0	-	3,969.0
October 2020	383.3	-	383.3	4,205.5	-	4,205.5
November 2019	338.0	-	338.0	4,375.4	-	4,375.4
Kentucky						
November 2020	270.7	58.3	329.0	4,234.7	752.4	4,987.1
October 2020	288.6	61.6	350.2	4,528.5	786.1	5,314.6
November 2019	255.5	67.7	323.2	4,716.3	761.7	5,478.0
Michigan						
November 2020	711.2	-	711.2	10,743.7	-	10,743.7
October 2020	796.8	-	796.8	11,759.2	-	11,759.2
November 2019	672.1	-	672.1	12,516.9	-	12,516.9
Minnesota						
November 2020	500.9	-	500.9	5,093.7	-	5,093.7
October 2020	617.4	-	617.4	5,864.7	-	5,864.7
November 2019	544.6	-	544.6	6,385.1	-	6,385.1
Missouri						
November 2020	404.1	238.4	642.5	5,199.2	2,299.0	7,498.2
October 2020	429.9	251.1	681.0	5,443.4	2,416.8	7,860.2
November 2019	376.1	222.6	598.7	5,601.1	2,433.9	8,035.0

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
November 2020	1,752.6	-	1,752.6	30.5	-	30.5
October 2020	1,941.1	-	1,941.1	29.6	-	29.6
November 2019	2,106.4	-	2,106.4	41.6	-	41.6
North Dakota						
November 2020	739.2	-	739.2	17.4	-	17.4
October 2020	814.5	-	814.5	20.4	-	20.4
November 2019	905.7	-	905.7	19.9	-	19.9
Ohio						
November 2020	11,069.0	-	11,069.0	119.3	-	119.3
October 2020	11,706.7	-	11,706.7	129.5	-	129.5
November 2019	12,808.9	-	12,808.9	138.2	-	138.2
Oklahoma						
November 2020	4,514.1	-	4,514.1	63.0	-	63.0
October 2020	4,567.0	-	4,567.0	66.0	-	66.0
November 2019	4,856.6	-	4,856.6	66.0	-	66.0
South Dakota						
November 2020	896.1	-	896.1	16.2	-	16.2
October 2020	985.5	-	985.5	16.9	-	16.9
November 2019	1,118.4	-	1,118.4	19.2	-	19.2
Tennessee						
November 2020	7,734.3	-	7,734.3	129.6	-	129.6
October 2020	7,845.1	-	7,845.1	135.6	-	135.6
November 2019	8,282.6	-	8,282.6	164.7	-	164.7
Wisconsin						
November 2020	3,426.1	1,595.2	5,021.3	27.6	13.9	41.6
October 2020	3,737.2	1,722.2	5,459.5	31.6	15.4	47.1
November 2019	4,093.8	1,978.9	6,072.6	36.8	17.9	54.7
PAD District 3						
Alabama						
November 2020	37,276.1	14,385.4	51,661.5	502.4	239.6	741.9
October 2020	38,742.3	14,853.5	53,595.8	549.2	247.9	797.1
November 2019	42,704.0	16,208.6	58,912.6	541.4	257.8	799.2
Arkansas						
November 2020	3,350.1	-	3,350.1	40.0	-	40.0
October 2020	3,345.6	-	3,345.6	40.3	-	40.3
November 2019	3,546.4	-	3,546.4	40.2	-	40.2
Louisiana						
November 2020	6,057.7	-	6,057.7	54.7	-	54.7
October 2020	6,407.6	-	6,407.6	57.1	-	57.1
November 2019	6,651.3	-	6,651.3	47.5	-	47.5
Mississippi						
November 2020	3,386.4	-	3,386.4	45.1	-	45.1
October 2020	3,487.4	-	3,487.4	47.5	-	47.5
November 2019	3,668.9	-	3,668.9	49.6	-	49.6
New Mexico						
November 2020	1,819.0	-	1,819.0	70.6	-	70.6
October 2020	2,014.4	-	2,014.4	91.2	-	91.2
November 2019	2,302.3	-	2,302.3	78.0	-	78.0
Texas						
November 2020	16,808.1	14,385.4	31,193.5	219.7	239.6	459.3
October 2020	17,426.6	14,853.5	32,280.1	238.2	247.9	486.1
November 2019	20,224.8	16,208.6	36,433.4	243.5	257.8	501.3

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
November 2020	224.9	-	224.9	2,008.0	-	2,008.0
October 2020	245.5	-	245.5	2,216.2	-	2,216.2
November 2019	225.0	-	225.0	2,373.0	-	2,373.0
North Dakota						
November 2020	96.3	-	96.3	852.9	-	852.9
October 2020	110.5	-	110.5	945.4	-	945.4
November 2019	95.2	-	95.2	1,020.8	-	1,020.8
Ohio						
November 2020	849.5	-	849.5	12,037.8	-	12,037.8
October 2020	906.5	-	906.5	12,742.7	-	12,742.7
November 2019	844.1	-	844.1	13,791.2	-	13,791.2
Oklahoma						
November 2020	550.9	-	550.9	5,128.1	-	5,128.1
October 2020	594.6	-	594.6	5,227.5	-	5,227.5
November 2019	480.3	-	480.3	5,402.9	-	5,402.9
South Dakota						
November 2020	106.6	-	106.6	1,018.9	-	1,018.9
October 2020	116.4	-	116.4	1,118.7	-	1,118.7
November 2019	103.2	-	103.2	1,240.7	-	1,240.7
Tennessee						
November 2020	892.5	-	892.5	8,756.5	-	8,756.5
October 2020	891.3	-	891.3	8,872.0	-	8,872.0
November 2019	839.6	-	839.6	9,286.8	-	9,286.8
Wisconsin						
November 2020	321.4	174.0	495.4	3,775.1	1,783.1	5,558.2
October 2020	364.7	169.9	534.6	4,133.6	1,907.5	6,041.1
November 2019	321.8	168.9	490.7	4,452.4	2,165.7	6,618.1
PAD District 3						
November 2020	4,017.0	2,484.6	6,501.6	41,795.5	17,109.5	58,905.0
October 2020	4,090.1	2,480.9	6,571.0	43,381.6	17,582.3	60,963.9
November 2019	3,800.2	2,462.9	6,263.1	47,045.7	18,929.3	65,974.9
Alabama						
November 2020	615.9	-	615.9	6,542.9	-	6,542.9
October 2020	621.1	-	621.1	6,756.7	-	6,756.7
November 2019	558.5	-	558.5	6,951.4	-	6,951.4
Arkansas						
November 2020	345.8	-	345.8	3,736.0	-	3,736.0
October 2020	344.2	-	344.2	3,730.2	-	3,730.2
November 2019	303.0	-	303.0	3,889.7	-	3,889.7
Louisiana						
November 2020	631.1	-	631.1	6,743.5	-	6,743.5
October 2020	641.5	-	641.5	7,106.3	-	7,106.3
November 2019	551.6	-	551.6	7,250.4	-	7,250.4
Mississippi						
November 2020	330.8	-	330.8	3,762.3	-	3,762.3
October 2020	338.6	-	338.6	3,873.5	-	3,873.5
November 2019	293.2	-	293.2	4,011.7	-	4,011.7
New Mexico						
November 2020	286.9	-	286.9	2,176.5	-	2,176.5
October 2020	313.2	-	313.2	2,418.7	-	2,418.7
November 2019	299.1	-	299.1	2,679.3	-	2,679.3
Texas						
November 2020	1,806.5	2,484.6	4,291.1	18,834.3	17,109.5	35,943.8
October 2020	1,831.5	2,480.9	4,312.3	19,496.3	17,582.3	37,078.5
November 2019	1,794.8	2,462.9	4,257.7	22,263.2	18,929.3	41,192.4

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
November 2020	10,006.1	-	10,006.1	214.8	-	214.8
October 2020	11,343.5	-	11,343.5	233.9	-	233.9
November 2019	11,345.5	-	11,345.5	241.8	-	241.8
Colorado						
November 2020	4,153.3	-	4,153.3	91.8	-	91.8
October 2020	4,629.6	-	4,629.6	97.8	-	97.8
November 2019	4,758.9	-	4,758.9	98.5	-	98.5
Idaho						
November 2020	1,535.1	-	1,535.1	9.1	-	9.1
October 2020	1,732.9	-	1,732.9	11.2	-	11.2
November 2019	1,644.7	-	1,644.7	11.9	-	11.9
Montana						
November 2020	1,364.6	-	1,364.6	57.4	-	57.4
October 2020	1,543.2	-	1,543.2	62.9	-	62.9
November 2019	1,527.1	-	1,527.1	66.0	-	66.0
Utah						
November 2020	2,384.4	-	2,384.4	42.5	-	42.5
October 2020	2,703.5	-	2,703.5	49.1	-	49.1
November 2019	2,727.1	-	2,727.1	48.3	-	48.3
Wyoming						
November 2020	568.6	-	568.6	14.1	-	14.1
October 2020	734.3	-	734.3	13.0	-	13.0
November 2019	687.7	-	687.7	17.0	-	17.0
PAD District 5						
November 2020	13,959.8	27,038.3	40,998.1	239.9	695.8	935.7
October 2020	15,025.9	28,006.9	43,032.8	259.1	735.5	994.6
November 2019	16,867.2	33,005.1	49,872.4	280.6	819.5	1,100.1
Alaska						
November 2020	472.2	-	472.2	W	-	W
October 2020	522.5	-	522.5	W	-	W
November 2019	546.6	-	546.6	W	-	W
Arizona						
November 2020	W	W	6,237.5	W	W	120.3
October 2020	W	W	6,118.0	W	W	123.3
November 2019	W	W	7,013.3	W	W	125.5
California						
November 2020	-	23,363.8	23,363.8	-	W	623.4
October 2020	-	24,446.7	24,446.7	-	W	662.8
November 2019	-	28,783.3	28,783.3	-	W	742.7
Hawaii						
November 2020	939.7	-	939.7	W	-	W
October 2020	979.7	-	979.7	W	-	W
November 2019	951.5	-	951.5	W	-	W
Nevada						
November 2020	W	W	2,001.0	35.6	-	35.6
October 2020	W	W	2,229.4	40.2	-	40.2
November 2019	W	W	2,520.9	45.9	-	45.9
Oregon						
November 2020	3,093.6	-	3,093.6	20.8	-	20.8
October 2020	3,350.8	-	3,350.8	22.8	-	22.8
November 2019	3,691.0	-	3,691.0	23.7	-	23.7
Washington						
November 2020	4,890.2	-	4,890.2	58.9	-	58.9
October 2020	5,385.6	-	5,385.6	67.0	-	67.0
November 2019	6,365.7	-	6,365.7	78.2	-	78.2

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
November 2020	2,500.6	-	2,500.6	12,721.5	-	12,721.5
October 2020	2,832.2	-	2,832.2	14,409.7	-	14,409.7
November 2019	2,473.5	-	2,473.5	14,060.8	-	14,060.8
Colorado						
November 2020	1,000.2	-	1,000.2	5,245.3	-	5,245.3
October 2020	1,103.0	-	1,103.0	5,830.4	-	5,830.4
November 2019	1,020.0	-	1,020.0	5,877.5	-	5,877.5
Idaho						
November 2020	308.4	-	308.4	1,852.5	-	1,852.5
October 2020	361.7	-	361.7	2,105.8	-	2,105.8
November 2019	266.0	-	266.0	1,922.6	-	1,922.6
Montana						
November 2020	292.9	-	292.9	1,714.9	-	1,714.9
October 2020	319.2	-	319.2	1,925.2	-	1,925.2
November 2019	267.8	-	267.8	1,860.9	-	1,860.9
Utah						
November 2020	767.2	-	767.2	3,194.1	-	3,194.1
October 2020	877.5	-	877.5	3,630.2	-	3,630.2
November 2019	778.0	-	778.0	3,553.4	-	3,553.4
Wyoming						
November 2020	132.0	-	132.0	714.7	-	714.7
October 2020	170.8	-	170.8	918.1	-	918.1
November 2019	141.8	-	141.8	846.5	-	846.5
PAD District 5						
November 2020	2,939.2	8,363.8	11,303.0	17,138.9	36,097.9	53,236.7
October 2020	3,165.4	8,639.1	11,804.5	18,450.4	37,381.5	55,831.9
November 2019	3,012.9	8,552.9	11,565.8	20,160.7	42,377.5	62,538.2
Alaska						
November 2020	W	-	W	550.0	-	550.0
October 2020	W	-	W	605.4	-	605.4
November 2019	W	-	W	623.4	-	623.4
Arizona						
November 2020	W	W	1,009.8	W	W	7,367.7
October 2020	W	W	1,005.5	W	W	7,246.7
November 2019	W	W	950.8	W	W	8,089.6
California						
November 2020	-	W	7,784.5	-	31,771.7	31,771.7
October 2020	-	W	8,095.3	-	33,204.8	33,204.8
November 2019	-	W	7,999.1	-	37,525.2	37,525.2
Hawaii						
November 2020	W	-	W	1,274.6	-	1,274.6
October 2020	W	-	W	1,299.6	-	1,299.6
November 2019	W	-	W	1,252.0	-	1,252.0
Nevada						
November 2020	600.7	-	600.7	W	W	2,637.3
October 2020	W	W	669.7	W	W	2,939.4
November 2019	W	W	612.1	W	W	3,179.0
Oregon						
November 2020	471.4	-	471.4	3,585.9	-	3,585.9
October 2020	511.0	-	511.0	3,884.6	-	3,884.6
November 2019	484.6	-	484.6	4,199.3	-	4,199.3
Washington						
November 2020	1,100.5	-	1,100.5	6,049.6	-	6,049.6
October 2020	1,198.7	-	1,198.7	6,651.4	-	6,651.4
November 2019	1,225.9	-	1,225.9	7,669.8	-	7,669.8

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
United States								
November 2020	390.4	41,280.2	261.0	30,843.4	5,437.2	3,042.1		8,479.3
October 2020	449.3	38,265.6	104.0	27,924.5	4,479.7	3,037.6		7,517.4
November 2019	362.2	63,463.8	W	42,285.0	3,496.3	6,589.4		10,085.7
PAD District 1								
November 2020	121.9	7,496.1	261.0	7,445.1	1,337.2	763.7		2,100.9
October 2020	146.5	6,427.8	104.0	5,862.2	1,163.1	321.3		1,484.4
November 2019	124.9	15,284.2	W	8,899.7	W	W		W
Subdistrict 1A								
November 2020	15.4	714.7	W	1,511.3	W	W		48.9
October 2020	17.7	744.5	W	1,021.7	W	W		52.6
November 2019	13.2	1,525.0	W	1,707.1	W	W		W
Connecticut								
November 2020	2.4	104.1	-	133.6	W	-		W
October 2020	3.5	100.0	-	94.7	W	-		W
November 2019	2.6	174.0	-	175.0	W	-		W
Maine								
November 2020	2.1	72.8	-	425.5	W	W		W
October 2020	W	111.0	-	268.0	W	W		38.9
November 2019	1.3	82.2	-	466.8	W	W		55.8
Massachusetts								
November 2020	7.6	457.2	-	267.6	W	W		8.3
October 2020	7.5	449.1	W	183.6	W	-		W
November 2019	6.9	1,123.4	W	288.0	W	W		21.3
New Hampshire								
November 2020	2.2	36.6	W	419.7	W	-		W
October 2020	2.5	32.9	W	289.4	W	-		W
November 2019	1.2	46.5	W	414.4	W	-		W
Rhode Island								
November 2020	W	25.7	W	34.9	W	-		W
October 2020	1.6	27.7	-	25.5	W	-		W
November 2019	W	75.4	W	35.6	W	-		W
Vermont								
November 2020	W	18.3	W	230.0	W	-		W
October 2020	W	23.7	W	160.5	W	-		W
November 2019	W	23.5	W	327.3	W	-		W
Subdistrict 1B								
November 2020	24.5	3,323.5	W	3,051.8	1,297.3	713.9		2,011.2
October 2020	30.8	2,841.3	W	2,349.7	1,098.7	268.6		1,367.4
November 2019	21.1	8,420.0	W	3,675.6	W	W		1,758.2
Delaware								
November 2020	0.3	11.0	-	141.0	-	-		-
October 2020	0.8	14.3	-	127.4	W	-		W
November 2019	W	12.1	-	151.7	W	W		W
District of Columbia								
November 2020	-	-	-	-	-	-		-
October 2020	-	-	-	-	-	-		-
November 2019	-	-	-	-	-	-		-
Maryland								
November 2020	3.7	143.2	-	238.1	-	-		-
October 2020	5.6	137.5	-	193.1	-	-		-
November 2019	4.1	203.5	-	369.1	-	W		W
New Jersey								
November 2020	5.1	700.1	W	238.7	W	W		1,394.7
October 2020	6.8	777.0	W	166.8	W	W		780.9
November 2019	W	2,597.5	W	183.1	W	W		1,281.2
New York								
November 2020	7.6	1,946.6	178.7	1,103.2	539.9	W		W
October 2020	9.3	1,471.9	W	866.8	W	W		526.6
November 2019	5.8	3,385.2	W	1,439.5	W	W		362.8
Pennsylvania								
November 2020	7.7	522.7	-	1,330.8	W	-		W
October 2020	8.5	440.5	-	995.6	W	-		W
November 2019	6.8	2,221.7	-	1,532.2	W	W		W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
Subdistrict 1C								
November 2020	82.0	3,457.9	-	2,882.0	W	W		40.8
October 2020	97.9	2,842.0	-	2,490.7	W	W		64.4
November 2019	90.6	5,339.1	-	3,517.0	-	468.2		468.2
Florida								
November 2020	45.3	2,297.8	-	527.5	-	W	W	
October 2020	49.6	1,643.3	-	452.1	-	W	W	
November 2019	54.1	3,192.2	-	547.9	-	258.0		258.0
Georgia								
November 2020	12.3	291.3	-	502.6	W	W		4.3
October 2020	14.0	274.6	-	439.0	W	W		27.4
November 2019	12.1	459.0	-	590.0	-	173.7		173.7
North Carolina								
November 2020	10.6	241.4	-	806.8	-	W	W	
October 2020	14.5	233.6	-	701.2	-	W	W	
November 2019	9.9	448.5	-	1,067.8	-	W	W	
South Carolina								
November 2020	W	160.7	-	310.3	-	W	W	
October 2020	8.3	163.8	-	267.3	-	W	W	
November 2019	6.3	262.3	-	474.1	-	W	W	
Virginia								
November 2020	7.1	449.6	-	429.0	-	-	-	
October 2020	9.5	507.1	-	440.1	W	-	-	
November 2019	7.1	957.2	-	668.2	-	-	-	
West Virginia								
November 2020	W	17.1	-	305.8	-	-	-	
October 2020	2.0	19.5	-	191.0	-	-	-	
November 2019	1.2	19.9	-	169.0	-	-	-	
PAD District 2								
November 2020	92.6	8,478.7	-	10,084.5	-	78.0	78.0	
October 2020	105.7	8,294.9	-	10,709.1	-	99.1	99.1	
November 2019	76.9	10,389.8	-	18,531.2	W	W	W	
Illinois								
November 2020	8.1	2,198.5	-	1,212.2	-	-	-	
October 2020	10.1	2,102.0	-	1,578.5	-	-	-	
November 2019	5.4	3,011.0	-	2,237.3	-	-	-	
Indiana								
November 2020	6.5	715.5	-	579.9	-	W	W	
October 2020	6.3	700.5	-	789.5	-	W	W	
November 2019	7.4	1,030.6	-	976.0	-	W	W	
Iowa								
November 2020	3.5	61.6	-	785.2	-	-	-	
October 2020	5.2	70.0	-	1,214.5	-	-	-	
November 2019	2.6	84.6	-	3,123.5	-	-	-	
Kansas								
November 2020	5.2	106.7	-	1,141.8	-	-	-	
October 2020	6.2	134.9	-	1,200.9	-	-	-	
November 2019	5.1	119.3	-	939.3	-	-	-	
Kentucky								
November 2020	4.4	1,512.9	-	239.9	-	-	-	
October 2020	7.3	1,549.5	-	254.8	-	-	-	
November 2019	4.0	1,572.0	-	423.0	-	-	-	
Michigan								
November 2020	7.9	526.1	-	972.9	-	W	W	
October 2020	9.1	343.5	-	797.3	-	W	W	
November 2019	5.5	529.5	-	1,398.0	-	W	W	
Minnesota								
November 2020	6.7	233.2	-	1,045.8	-	W	W	
October 2020	9.0	231.3	-	1,222.8	-	W	W	
November 2019	6.2	371.8	-	2,573.0	-	W	W	
Missouri								
November 2020	6.8	244.6	-	706.1	-	-	-	
October 2020	7.6	243.9	-	730.3	-	-	-	
November 2019	6.2	344.4	-	1,230.6	-	-	-	

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil					
					Sulfur less than or equal to 1%	Sulfur greater than 1%						
PAD District 2 (cont.)												
Nebraska												
November 2020	4.0	87.9	-	208.5	-	-	-					
October 2020	2.3	97.9	-	264.3	-	-	-					
November 2019	3.2	147.3	-	501.8	-	-	-					
North Dakota												
November 2020	5.4	100.9	-	690.0	-	-	-					
October 2020	4.5	103.9	-	531.5	-	-	-					
November 2019	3.4	89.6	-	1,065.7	-	-	-					
Ohio												
November 2020	10.7	634.7	-	842.1	-	-	-					
October 2020	9.5	661.6	-	688.9	-	-	-					
November 2019	5.9	1,000.4	-	1,118.8	W	W	W					
Oklahoma												
November 2020	5.6	340.3	-	278.2	-	-	-					
October 2020	7.5	437.1	-	267.4	-	-	-					
November 2019	6.9	546.3	-	527.9	-	W	W					
South Dakota												
November 2020	2.5	W	-	111.1	-	W	W					
October 2020	2.9	42.0	-	120.3	-	W	W					
November 2019	2.0	49.7	-	437.4	-	W	W					
Tennessee												
November 2020	11.2	W	-	285.2	-	W	W					
October 2020	11.7	1,448.5	-	254.9	-	W	W					
November 2019	9.5	1,330.5	-	348.5	-	-	-					
Wisconsin												
November 2020	4.1	115.9	-	985.6	-	W	W					
October 2020	6.7	128.3	-	793.2	-	W	W					
November 2019	3.5	162.7	-	1,630.4	-	W	W					
PAD District 3												
November 2020	67.9	10,370.7	-	9,569.1	2,026.5	998.8	3,025.3					
October 2020	76.1	9,142.4	-	8,262.4	933.3	903.9	1,837.2					
November 2019	59.6	16,086.3	-	10,970.7	452.3	2,429.3	2,881.5					
Alabama												
November 2020	6.6	142.6	-	290.3	W	W	76.9					
October 2020	8.6	129.3	-	256.8	W	W	W					
November 2019	6.7	189.3	-	413.8	W	W	W					
Arkansas												
November 2020	4.7	110.9	-	227.6	-	-	-					
October 2020	5.4	111.5	-	196.8	-	-	-					
November 2019	4.3	143.7	-	293.3	-	-	-					
Louisiana												
November 2020	6.5	1,440.0	-	926.1	W	W	1,323.5					
October 2020	8.2	708.3	-	814.9	W	W	534.4					
November 2019	5.5	2,301.5	-	1,026.9	W	W	946.9					
Mississippi												
November 2020	4.3	245.4	-	268.9	-	-	-					
October 2020	4.3	329.3	-	254.2	W	-	W					
November 2019	3.8	1,563.6	-	428.7	-	W	W					
New Mexico												
November 2020	4.4	79.5	-	191.5	-	-	-					
October 2020	3.8	100.7	-	168.9	-	-	-					
November 2019	2.7	121.8	-	239.4	-	-	-					
Texas												
November 2020	41.3	8,352.4	-	7,664.5	934.7	690.3	1,625.0					
October 2020	45.8	7,763.3	-	6,570.8	546.0	723.8	1,269.7					
November 2019	36.6	11,766.4	-	8,568.6	240.5	1,611.2	1,851.7					

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Residual fuel oil			Total residual fuel oil
				Propane (consumer grade)	Sulfur less than or equal to 1%	Sulfur greater than 1%	
PAD District 4							
November 2020	27.3	1,348.4	-	1,193.6	-	-	-
October 2020	29.0	1,369.8	-	886.3	-	-	-
November 2019	22.7	1,857.9	-	1,288.8	-	-	-
Colorado							
November 2020	10.3	547.2	-	405.7	-	-	-
October 2020	11.9	596.8	-	321.5	-	-	-
November 2019	7.9	937.0	-	382.2	-	-	-
Idaho							
November 2020	4.9	74.9	-	106.2	-	-	-
October 2020	4.9	101.2	-	75.8	-	-	-
November 2019	4.5	94.4	-	147.0	-	-	-
Montana							
November 2020	3.8	78.1	-	304.3	-	-	-
October 2020	4.3	89.5	-	213.7	-	-	-
November 2019	2.2	103.3	-	250.3	-	-	-
Utah							
November 2020	6.3	597.3	-	124.3	-	-	-
October 2020	W	546.5	-	85.3	-	-	-
November 2019	6.4	674.3	-	144.6	-	-	-
Wyoming							
November 2020	2.0	50.9	-	253.1	-	-	-
October 2020	W	35.9	-	189.8	-	-	-
November 2019	1.8	48.8	-	364.7	-	-	-
PAD District 5							
November 2020	80.8	13,586.3	-	2,551.0	2,073.4	1,201.6	3,275.1
October 2020	92.0	13,030.8	-	2,204.6	2,383.4	1,713.4	4,096.7
November 2019	78.0	19,845.6	-	2,594.5	2,157.0	2,588.6	4,745.6
Alaska							
November 2020	W	2,168.9	-	W	-	-	-
October 2020	W	2,255.4	-	W	-	-	-
November 2019	W	2,089.9	-	W	-	-	-
Arizona							
November 2020	18.7	441.8	-	211.2	-	-	-
October 2020	20.2	469.8	-	159.1	-	-	-
November 2019	18.0	514.2	-	219.9	-	-	-
California							
November 2020	42.2	8,452.4	-	1,434.9	820.7	864.8	1,685.5
October 2020	43.7	7,579.0	-	1,278.8	773.2	899.9	1,673.0
November 2019	39.0	11,964.2	-	1,369.1	767.4	1,435.6	2,203.0
Hawaii							
November 2020	W	487.5	-	W	W	W	W
October 2020	W	549.7	-	W	W	W	W
November 2019	W	1,705.0	-	W	W	W	W
Nevada							
November 2020	3.7	399.7	-	90.4	-	-	-
October 2020	5.2	454.4	-	60.0	-	-	-
November 2019	4.0	647.9	-	123.8	-	-	-
Oregon							
November 2020	5.7	280.5	-	165.8	W	-	W
October 2020	10.1	301.9	-	161.6	W	-	W
November 2019	7.1	502.5	-	230.6	-	W	W
Washington							
November 2020	8.5	1,355.5	-	598.8	W	W	738.1
October 2020	10.1	1,420.6	-	487.8	W	W	880.2
November 2019	8.1	2,421.8	-	601.1	W	W	1,283.8

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
 thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		High-sulfur	No. 2 distillate	Total distillate and kerosene		
					No. 2 diesel fuel						
United States											
November 2020	856.5	1,879.4	8,967.0	154,699.7	W	-	W	164,653.6	167,650.5		
October 2020	402.3	1,457.0	5,489.8	167,042.9	W	-	W	173,249.2	175,212.5		
November 2019	W	2,948.5	11,098.1	161,567.8	W	-	W	174,001.5	178,484.0		
PAD District 1											
November 2020	295.3	47.2	7,816.5	W	-	-	W	48,164.1	48,767.5		
October 2020	187.1	44.3	4,811.8	W	-	-	W	46,876.4	47,211.8		
November 2019	513.4	W	10,506.9	42,289.1	-	-	253.2	53,049.2	53,853.8		
Subdistrict 1A											
November 2020	121.4	W	3,609.8	W	-	-	W	7,208.0	7,355.1		
October 2020	71.1	W	2,306.3	W	-	-	W	5,949.9	6,055.8		
November 2019	148.4	W	4,628.7	W	-	-	W	8,589.1	8,783.4		
Connecticut											
November 2020	W	W	798.5	880.7	-	-	-	1,679.3	1,686.6		
October 2020	W	W	494.1	848.4	-	-	-	1,342.5	1,369.8		
November 2019	W	W	1,081.6	800.5	-	-	-	1,882.1	1,895.8		
Maine											
November 2020	W	W	708.4	595.3	-	-	-	1,303.7	1,378.1		
October 2020	W	W	506.6	682.5	-	-	-	1,189.2	1,242.3		
November 2019	W	W	849.4	W	-	-	W	1,581.7	1,681.2		
Massachusetts											
November 2020	15.7	5.2	1,014.2	W	-	-	W	2,311.0	2,331.9		
October 2020	3.2	W	607.8	1,269.6	-	-	-	1,877.5	1,882.2		
November 2019	9.9	W	1,389.9	W	-	-	W	2,869.6	2,889.9		
New Hampshire											
November 2020	17.4	W	515.6	344.4	-	-	-	860.0	884.7		
October 2020	8.5	W	341.9	366.4	-	-	-	708.3	721.6		
November 2019	23.3	W	576.8	357.2	-	-	-	934.0	970.5		
Rhode Island											
November 2020	1.2	W	306.8	294.2	-	-	-	601.0	602.6		
October 2020	W	W	176.7	W	-	-	W	466.1	466.3		
November 2019	1.0	W	397.9	402.8	-	-	-	800.7	802.3		
Vermont											
November 2020	11.8	W	266.2	186.9	-	-	-	453.1	471.2		
October 2020	5.5	W	179.1	187.3	-	-	-	366.4	373.6		
November 2019	16.1	W	333.0	188.0	-	-	-	521.0	543.7		
Subdistrict 1B											
November 2020	W	21.6	4,138.1	W	-	-	W	17,918.3	18,312.9		
October 2020	W	9.6	2,453.2	W	-	-	W	16,898.4	17,081.3		
November 2019	268.3	W	5,758.6	W	-	-	W	20,302.2	20,801.9		
Delaware											
November 2020	2.0	-	W	W	-	-	-	495.3	497.3		
October 2020	0.8	-	W	W	-	-	-	365.4	366.1		
November 2019	W	W	W	252.5	-	-	W	W	290.3		
District of Columbia											
November 2020	-	-	W	W	-	-	-	26.8	26.8		
October 2020	-	-	W	W	-	-	-	26.5	26.5		
November 2019	W	-	W	W	-	-	-	W	40.5		
Maryland											
November 2020	10.9	-	227.7	W	-	-	W	1,989.8	2,000.7		
October 2020	6.6	-	140.9	W	-	-	W	1,952.8	1,959.5		
November 2019	W	W	404.2	W	-	-	W	2,422.7	2,443.3		
New Jersey											
November 2020	W	-	899.2	W	-	-	W	4,157.9	4,239.0		
October 2020	W	W	443.9	W	-	-	W	3,963.9	4,009.9		
November 2019	3.5	W	1,288.0	W	-	-	W	4,628.1	4,633.5		
New York											
November 2020	76.3	19.9	1,953.3	W	-	-	W	5,099.4	5,374.3		
October 2020	42.5	W	1,116.0	W	-	-	W	4,520.3	4,627.5		
November 2019	149.6	W	2,586.9	W	-	-	W	5,995.9	6,372.5		
Pennsylvania											
November 2020	24.1	1.7	1,045.2	W	-	-	W	6,149.1	6,174.9		
October 2020	W	W	747.7	W	-	-	W	6,069.5	6,091.8		
November 2019	84.1	2.2	1,452.0	W	-	-	W	6,935.6	7,021.8		

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
Subdistrict 1C							
November 2020	W	W	68.7	W	-	W	23,037.8
October 2020	W	W	52.3	W	-	W	24,028.2
November 2019	96.6	13.9	119.6	W	-	W	24,157.9
Florida							
November 2020	0.9	-	-	W	-	W	6,246.0
October 2020	W	-	-	6,566.2	-	W	6,576.6
November 2019	0.9	-	-	W	-	W	6,529.5
Georgia							
November 2020	4.5	-	-	5,111.7	-	-	5,111.7
October 2020	W	W	-	W	-	W	5,322.6
November 2019	W	W	-	W	-	W	5,151.7
North Carolina							
November 2020	W	W	W	3,929.4	-	W	3,947.4
October 2020	23.9	-	W	4,033.7	-	W	4,051.8
November 2019	W	W	W	4,205.9	-	W	4,229.9
South Carolina							
November 2020	4.5	-	W	W	-	-	2,854.2
October 2020	2.2	-	W	2,961.0	-	W	2,966.5
November 2019	7.8	-	W	2,963.3	-	W	2,971.1
Virginia							
November 2020	13.4	-	27.6	3,788.4	-	-	3,816.0
October 2020	13.2	-	19.5	W	-	W	3,966.6
November 2019	W	W	81.6	W	-	W	4,087.7
West Virginia							
November 2020	W	W	23.9	1,039.5	-	-	1,063.4
October 2020	W	W	14.7	W	-	-	W
November 2019	W	W	15.5	1,172.6	-	-	1,188.1
PAD District 2							
November 2020	89.3	1,184.8	41.0	W	W	-	49,507.8
October 2020	82.5	825.1	66.8	W	W	-	55,686.8
November 2019	149.4	2,167.4	59.7	W	-	W	51,665.9
Illinois							
November 2020	15.9	37.0	-	5,720.1	-	-	5,720.1
October 2020	5.5	16.9	-	6,479.3	-	-	6,479.3
November 2019	13.0	96.0	-	5,996.3	-	-	5,996.3
Indiana							
November 2020	15.2	10.4	-	4,250.4	-	-	4,250.4
October 2020	8.4	3.7	-	4,606.8	-	-	4,606.8
November 2019	42.5	16.0	-	W	-	W	4,557.0
Iowa							
November 2020	W	W	W	W	-	-	3,035.3
October 2020	W	W	W	W	-	-	3,903.5
November 2019	1.3	299.2	W	W	-	-	3,467.2
Kansas							
November 2020	1.7	124.3	-	2,845.6	-	-	2,845.6
October 2020	5.5	77.2	W	W	-	-	3,197.2
November 2019	2.3	188.7	-	2,701.6	-	-	2,701.6
Kentucky							
November 2020	W	W	-	W	W	-	2,686.4
October 2020	W	W	-	W	W	-	2,819.7
November 2019	W	W	-	W	-	W	2,505.6
Michigan							
November 2020	8.2	18.9	W	3,310.2	W	-	3,312.1
October 2020	8.6	9.3	W	3,679.4	W	-	3,681.0
November 2019	14.4	26.2	W	3,357.5	-	W	3,358.9
Minnesota							
November 2020	6.7	279.8	W	W	-	-	2,673.5
October 2020	W	W	W	W	-	-	3,685.6
November 2019	8.9	490.5	W	W	-	-	3,082.4
Missouri							
November 2020	0.2	22.9	W	W	-	-	4,296.1
October 2020	0.9	8.5	W	W	-	-	4,540.8
November 2019	0.9	27.9	W	W	-	-	4,022.9

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		High-sulfur	No. 2 distillate	Total distillate and kerosene		
					No. 2 diesel fuel						
PAD District 2 (cont.)											
Nebraska											
November 2020	W	W	W	W	-	-	-	2,049.9	2,164.4		
October 2020	-	90.9	-	2,608.8	-	-	-	2,608.8	2,699.7		
November 2019	W	W	W	W	-	-	-	2,208.4	2,419.6		
North Dakota											
November 2020	W	W	-	1,415.6	-	-	-	1,415.6	1,600.5		
October 2020	0.4	180.6	-	1,668.2	-	-	-	1,668.2	1,849.1		
November 2019	0.3	406.0	W	W	-	-	-	1,789.7	2,196.0		
Ohio											
November 2020	13.0	14.3	-	5,601.2	-	-	-	5,601.2	5,628.4		
October 2020	W	W	-	5,996.4	-	-	-	5,996.4	6,017.5		
November 2019	26.4	21.1	W	W	-	-	-	5,440.6	5,488.1		
Oklahoma											
November 2020	W	W	-	3,712.1	-	-	-	3,712.1	3,735.3		
October 2020	W	W	-	3,851.9	-	-	-	3,851.9	3,866.3		
November 2019	W	W	W	W	-	-	-	4,536.6	4,553.0		
South Dakota											
November 2020	W	W	W	W	-	-	-	970.1	1,091.1		
October 2020	-	94.1	W	W	-	-	-	1,162.2	1,256.3		
November 2019	-	229.5	W	W	-	-	-	990.4	1,219.8		
Tennessee											
November 2020	4.9	-	-	4,027.0	-	-	-	4,027.0	4,031.9		
October 2020	W	W	-	4,193.9	-	-	-	4,193.9	4,200.9		
November 2019	W	W	-	3,972.4	-	-	-	3,972.4	3,983.9		
Wisconsin											
November 2020	2.5	84.4	W	W	-	-	-	2,912.7	2,999.5		
October 2020	2.0	42.2	W	W	-	-	-	3,291.5	3,335.7		
November 2019	3.0	139.0	W	W	-	-	-	3,036.0	3,178.0		
PAD District 3											
November 2020	W	W	1,041.4	37,141.1	-	240.2	38,422.7	38,880.5			
October 2020	121.2	1.2	555.4	38,539.4	-	176.3	39,271.1	39,393.5			
November 2019	W	W	470.5	38,221.4	-	333.9	39,025.8	39,669.2			
Alabama											
November 2020	W	-	W	W	-	W	W	3,059.7			
October 2020	W	-	-	3,138.5	-	W	W	3,164.9			
November 2019	W	-	-	2,802.8	-	W	W	2,842.2			
Arkansas											
November 2020	-	W	W	W	-	-	W	2,307.3			
October 2020	-	-	W	W	-	-	2,409.0	2,409.0			
November 2019	-	W	W	W	-	-	W	2,067.4			
Louisiana											
November 2020	W	-	W	4,831.6	-	W	W	5,406.5			
October 2020	W	W	-	4,995.9	-	42.0	5,037.8	5,136.1			
November 2019	W	-	W	W	-	W	W	5,750.6			
Mississippi											
November 2020	W	-	-	2,127.0	-	W	W	2,128.9			
October 2020	W	-	-	W	-	-	W	2,359.5			
November 2019	W	-	-	1,879.0	-	W	W	1,887.7			
New Mexico											
November 2020	-	W	-	W	-	-	W	2,241.6			
October 2020	-	W	-	W	-	-	W	2,125.0			
November 2019	-	-	-	2,156.4	-	-	2,156.4	2,156.4			
Texas											
November 2020	W	W	1,001.7	22,610.5	-	123.1	23,735.3	23,736.5			
October 2020	W	W	W	W	-	W	24,198.3	24,199.0			
November 2019	W	W	435.4	24,317.0	-	207.4	24,959.7	24,964.8			

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate			Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	High-sulfur	
PAD District 4								
November 2020	W	W	W	W	-	-	-	8,462.1
October 2020	W	W	W	W	-	-	-	9,398.3
November 2019	W	W	W	W	-	-	-	8,630.7
Colorado								
November 2020	-	53.9	-	2,167.8	-	-	-	2,217.7
October 2020	-	33.6	-	2,374.2	-	-	-	2,407.8
November 2019	-	88.6	-	2,213.5	-	-	-	2,302.1
Idaho								
November 2020	-	14.0	W	W	-	-	-	1,436.6
October 2020	-	12.9	W	W	-	-	-	1,640.2
November 2019	W	W	W	W	-	-	-	1,298.3
Montana								
November 2020	-	81.7	W	W	-	-	-	1,607.5
October 2020	-	71.5	W	W	-	-	-	1,655.4
November 2019	-	119.1	W	W	-	-	-	1,611.0
Utah								
November 2020	W	W	W	W	-	-	-	1,804.0
October 2020	W	W	W	W	-	-	-	2,152.6
November 2019	W	W	W	W	-	-	-	1,870.9
Wyoming								
November 2020	-	51.0	-	W	-	-	-	1,446.2
October 2020	-	44.2	-	W	-	-	-	1,575.9
November 2019	-	73.4	-	W	-	-	-	1,637.0
PAD District 5								
November 2020	14.8	434.0	W	19,478.6	NA	W	20,096.9	20,545.8
October 2020	W	W	W	21,597.0	NA	W	22,016.7	22,430.9
November 2019	11.5	387.4	W	W	W	696.7	21,629.8	22,028.7
Alaska								
November 2020	-	W	W	W	-	-	W	W
October 2020	-	W	W	W	-	-	W	W
November 2019	-	W	W	W	-	-	W	W
Arizona								
November 2020	-	-	-	3,392.0	-	-	3,392.0	3,392.0
October 2020	W	-	-	W	-	-	W	3,503.9
November 2019	-	-	-	3,123.1	-	-	3,123.1	3,123.1
California								
November 2020	6.4	-	-	W	-	W	9,447.4	9,453.8
October 2020	W	W	-	W	-	W	10,177.9	10,204.8
November 2019	W	W	-	W	-	W	10,043.9	10,058.4
Hawaii								
November 2020	-	-	-	NA	NA	W	W	W
October 2020	-	-	-	386.8	NA	W	W	W
November 2019	-	-	-	390.5	W	W	W	W
Nevada								
November 2020	W	W	W	W	-	-	1,432.6	1,441.7
October 2020	W	W	W	W	-	-	1,795.8	1,799.6
November 2019	W	W	W	W	-	-	1,559.4	1,562.8
Oregon								
November 2020	W	W	-	W	-	W	2,016.4	2,038.1
October 2020	-	W	-	2,240.4	-	W	W	2,274.5
November 2019	-	W	-	2,067.8	-	W	W	2,099.3
Washington								
November 2020	W	W	W	2,833.1	-	W	2,853.3	2,863.5
October 2020	W	W	W	3,294.6	-	W	3,312.0	3,322.6
November 2019	W	W	W	3,680.6	-	W	3,703.6	3,717.4

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.